

حمل الآن

مجانا وحصريا

المراجعة رقم (1)

الترم الاول



1. Choose the correct answer.

1. $\frac{469}{1,000} =$ _____

[Cairo 23]

A. 4.96

B. 0.469

C. 459

D. 4.69

2. $\frac{158}{100} =$ _____

[Giza 24]

A. 1.58

B. 1,580

C. 15.8

D. 0.158

3. 78 Tenths = _____

[El Monofia - El Bajour 24]

A. 0.78

B. 7.8

C. 780

D. 7,800

4. Five and forty-seven hundredths = _____

[Luxor 24]

A. 5.47

B. 5.047

C. 50.47

D. 50.047

5. 8 ones , 6 hundredths and 7 thousandths = _____

[Port Said - East 24]

A. 8.67

B. 8.607

C. 8.067

D. 87.06

6. Sixty-four and sixty-four thousandths = _____

[Cairo - El Salam 23]

A. 46.064

B. 64.064

C. 64.64

D. 46.46

7. The value of the digit 5 in the number 6.325 is _____

[Assiut 24]

A. 5

B. 0.5

C. 0.05

D. 0.005

8. The value of the digit 4 in the number 98.465 is _____

[El Monofia - Qesna 24]

A. $\frac{4}{10}$

B. $\frac{4}{1,000}$

C. 0.04

D. 4,000

9. The value of the digit 8 in 13.821 is _____

[Souhag 24]

A. Tenths.

B. Ones.

C. 0.08

D. 0.8

10. The value of the digit 7 in the number 738,913 is _____

[Qena - Neqada 24]

A. 7,000

B. 70,000

C. 700,000

D. 70

11. $5 + 10 + 0.6 + 0.07 + 0.009 =$ _____

[Aswan 23]

A. 976.15

B. 15.679

C. 15.976

D. 51.679

12. $0.8 + 15 + 0.007 =$ _____

[Cairo - El Maadi 24]

A. 15.708

B. 87.15

C. 15.870

D. 15.807

13. $0.006 + 8 + 0.07 =$ _____

[Kafr El Sheikh 24]

A. 6.087

B. 8.708

C. 8.076

D. 8.76

14. $9 +$ _____ $= 9.3$

[El Menia - Mallawi 24]

A. 3

B. 0.3

C. 0.03

D. 30

15. The place value of digit 5 in the number 3.015 is _____

[Port Said - East 24]

A. 0.005

B. Tenths.

C. Hundredths.

D. Thousandths.

16. The digit in Tenths place in the number 83.25 is _____

[El Menia - Matay 24, El Monofia - El Sadat 24]

A. 8

B. 3

C. 2

D. 5

17. The digit in the Hundredths place in the number 7.302 is _____

[El Menia - Bani Mazar 24]

A. 0

B. 7

C. 2

D. 3

18. $4.7 \approx$ _____ [to the nearest whole number]

[Ismailia - Fayed 24]

A. 5

B. 9

C. 4

D. 3

19. $3.49 \approx$ _____ [to the nearest Tenth]

[Souhag - Gerga 24]

A. 3.4

B. 3.5

C. 33

D. 3.40

20. $62.4 \times 100 =$ _____

[Souhag - Akhmem 24]

A. 624

B. 6,240

C. 62,400

D. 0.624

21. $45 \times 100 =$ _____

[El Menia - Deir Mawas 24]

A. 45

B. 0.45

C. 4,500

D. 4.5

22. $9 \times$ _____ $= 900$

[Aswan - Kom Ombo 23]

A. 0.01

B. 10

C. 1,000

D. 100

23. $21.8 \times$ _____ $= 2,180$

[Alexandria - El Montaza 24]

A. 10

B. 100

C. 1,000

D. 1

24. $100 \times$ _____ $= 7.7$

[Giza - El Agouza 23]

A. 0.77

B. 77

C. 770

D. 0.077

25. 2.59 ☐ 2.569

[Cairo - El Basateen and El Salam 24]

A. <

B. >

C. =

D. $\leq$

26. 13.500 ☐ 13.050

[Giza - 6th October 24]

A. <

B. =

C. >

D. Neither

27. 7 Tenths ☐ 0.699

[Giza 24]

- A. > B. < C. = D. ≤

28. The greatest decimal from the following is _____

[El Monofia - Tala 24]

- A. 0.6 B. 0.06 C. 0.006 D. 0.606

29. $2.6 > \text{_____}$

[Giza 24]

- A. 2.63 B. 2.60 C. 6.2 D. 2.06

30. $75 \text{ } \text{input type="radio"} \text{ } 7.5 \times 10$

[Alexandria - El Gamarek 24]

- A. > B. < C. = D. ≤

31. $23,000 \div \text{_____} = 230$

[Aswan - Edfo 24]

- A. 1,000 B. 100 C. 10 D. 0.1

32. $2.51 \div \text{_____} = 0.0251$

[Cairo - Hadaek El Quba 24]

- A. 100 B. 0.001 C. 0.01 D. 0.1

33. The benchmark decimal closest to 0.01 is _____

[Kafr El Sheikh - Bayala 24]

- A. 0 B. 1 C. 0.5 D. 1.5

34. $0.8 + 0.6 = \text{_____}$

[Alexandria - El Montaza 24]

- A. 0.14 B. 1.4 C. 8.6 D. 14

35. $3.06 + 5.411 = \text{_____}$

[Cairo - El Mostabal 24]

- A. 5.417 B. 8.1011 C. 8.471 D. 9.011

36. $61.3 - 24.7 = \text{_____}$

[Cairo - El Zaiton 23]

- A. 67.5 B. 34.4 C. 807 D. 36.6

37. 5 Tenths - 35 Hundredths = _____ Hundredths.

[Giza 23]

- A. 15 B. 35 C. 30 D. 5

38. $15 - 9.879 = \text{_____}$

[Cairo - Helwan 24]

- A. 0.879 B. 4.879 C. 5.112 D. 5.121

39. $9.32 + 7.68 \text{ } \text{input type="radio"} \text{ } 20.4 - 3.2$

[Cairo - Hadaek El Quba 24]

- A. < B. > C. = D. ≤

2. Complete the following.

1. The standard form of three and two hundredth = _____ [El Monofia - Ashmoon 24]
2. The value of 3 in the number 5.137 is _____ [Souhag - Tema 24]
3. In the number 52.93 , the digit 9 in the _____ place. [El Menia - Mallawi 24]
4. The number $250 + 0.2 + 0.05$ in the standard form is _____
[El Monofia - Menof 24, Sers El Layan 24]
5. $4.29 = \text{_____} + \text{_____} + \text{_____}$ [in expanded form]. [El Menia - Samalout 24]
6. $25.6 \times 100 = \text{_____}$ [Souhag - Gerga 24]
7. $2,500 \div 1,000 = \text{_____}$ [El Monofia - Shebin El Kom 24]
8. $169.4 \div 100 = \text{_____}$ [kafr El Sheikh - Bayla 24]
9. $24.654 \approx 24.7$ to the nearest _____ [Cairo - El Maadi 24]
10. $36.7891 \approx \text{_____}$ [to the nearest 0.01] [Ismailia 24]
11. The sum of $7.127 + 8.05 = \text{_____}$ [Giza - El Haram 24]
12. 5 Thousandths + 73 Hundredths = _____ Thousandths. [El Beheira 23]
13. $3 + 3 \text{ Tenths} + 3 \text{ Hundredths} = \text{_____}$ [Giza - Awseem 23]
14. 2 Hundredths – 2 Thousandths = _____ Thousandths. [kafr El Sheikh 24]

3. Answer each of the following.

1. Decompose the number 40.302 using the expanded form. [Giza - El Agouza 23]
2. Decompose the number 35.046 using the expanded form. [Cairo - Rod El Farg 24]
3. Decompose the number 800.57 using the expanded form. [Luxor 24]
4. Omnia saved 17.25 pounds and her brother Ahmed saved 23.5 pounds.
Find the sum they saved. [El Menia - Mallawi 24]
5. Mohamed ran 2.569 km at the first day and 1.269 km at the second day.
What is the difference between the two distances ? [Cairo 24]
6. Eslam had 29.75 L.E. , he spent 15.75 L.E. Find the remainder with him. [Alexandria - El Montaza 24]
7. Two gold bars , if the weight of the first is 3.39 kg and the weight of the second is 6.08 kg ,
calculate the weight of the two gold bars. [Aswan 23]
8. Order from greatest to smallest. 80.21 , 8.102 , 80.012 , 8.012 , 80.09
9. Arrange ascendingly : 27.808 , 28.088 , 27.08 , 28.801 [El Menia - Samalout 24]

1. Choose the correct answer.

1. The mathematical sentence $27 + 4.6 = m$ represents _____ [Giza - 6th October 24]
A. a variable. B. an equation. C. an expression. D. neither.
2. $7.35 + 2.65 = 10$ represents _____ [Cairo - El Mokattam 24]
A. an equation. B. an expression. C. a variable. D. otherwise.
3. Which of the following is an equation ? [Giza 24]
A. $1.8 + m$ B. $m + 2.4 + 2$ C. $5 \times m$ D. $m + 2 = 7$
4. Which of the following is an expression ? [Alexandria - West 24]
A. $x + 0.8 - 1.6$ B. $3.25 + y = 5.55$ C. $2.36 - 1.5 = m$ D. Twice the number 6
5. In $35.4 + x = 72$, the variable is _____ [Alexandria - El Montaza 24]
A. 36.6 B. x C. 35.4 D. 72
6. If $x + 5.8 = 7.8$, then $x =$ _____ [Port Said - Port Fouad 24]
A. 7.8 B. 5.8 C. 2 D. 12.8
7. The value of variable k in the equation : $7.5 = k + 5$ is _____ [Cairo - El Maadi 24]
A. 25 B. 2.5 C. 0.25 D. 12.5
8. The value of the variable x in the equation $x - 3.5 = 0.4$ is _____ [Giza - El Haram 24]
A. 3.009 B. 3.05 C. 3.09 D. 3.9
9. The number 13 has _____ Factor[s]. [Ismailia 24 , El Monofia - Quesna 24]
A. 1 B. 2 C. 3 D. 4
10. The smallest even prime number is _____ [Cairo - Helwan 24]
A. 2 B. 3 C. 4 D. 6
11. The only even prime number is _____ [Souhag 23]
A. 0 B. 2 C. 4 D. 6
12. The next prime number after 7 is _____ [Giza 23]
A. 15 B. 13 C. 11 D. 10
13. The prime number where the sum of its factors is 8 is _____ [El Kalyoubia 23]
A. 2 B. 3 C. 5 D. 7

14. All the following are prime numbers except _____ [El Monofia - Shebin El kom 24]
 A. 2 B. 11 C. 28 D. 23
15. The composite number in the following numbers is _____ [Cairo - West 24]
 A. 3 B. 7 C. 5 D. 15
16. The prime factors of 15 are _____ [Giza - Awseem 24]
 A. 1 and 3 B. 3 and 5 C. 5 and 15 D. 1 and 15
17. The prime factorization of 24 is _____
 A. 6×4 B. 8×3 C. $3 \times 2 \times 2$ D. $2 \times 2 \times 2 \times 3$
18. The number whose the prime factorization $2 \times 2 \times 5$ is _____ [Port Said - Port Fouad 24]
 A. 225 B. 45 C. 20 D. 9
19. The number whose prime factors are 2, 2 and 3 is _____ [El Monofia - Ashmoon 24]
 A. 6 B. 21 C. 4 D. 12
20. The common factor of all the number is _____ [Ismailia - El kassaseen 24]
 A. 0 B. 2 C. 1 D. 3
21. The common factor of 3 and 8 is _____ [El Monofia - Tala 24]
 A. 24 B. 3 C. 8 D. 1
22. The G.C.F of 8 and 4 is _____ [El Beheira - Rasheed 24]
 A. 1 B. 2 C. 4 D. 8
23. _____ is a common multiple of 9 and 6 [El Monofia - Quesna 24, Giza - El Haram 24]
 A. 12 B. 18 C. 24 D. 27
24. The number _____ is one of the multiples of 7 [El Monofia - El Bagour 24]
 A. 15 B. 28 C. 40 D. 32
25. The number 35 is a multiple of _____ [kafr El Sheikh 24]
 A. 2 B. 3 C. 5 D. 9
26. The common multiple of all numbers is _____ [Giza - 6th October 24]
 A. 0 B. 1 C. 2 D. 3
27. The L.C.M of 5 and 7 is _____ [Cairo - El Sayeda Zeinab 24]
 A. 7 B. 5 C. 12 D. 35
28. The L.C.M of 4 and 12 is _____ [Giza 24]
 A. 12 B. 4 C. 20 D. 16

2. Complete the following.1. The variable in the equation : $x + 5 = 9$ is _____

[Cairo - El Marg 23]

2. If $a + 3.5 = 6.5$, then $a =$ _____

[Giza - South 24]

3. The value of M in the equation : $2.342 - M = 1.924$ is _____

[Ismailia 24]

4. The equation which represents the bar model
is _____

3.5	
w	2.8

[Alexandria - Agmi 24]

5. In the bar model

47.3	
p	17.1

, the value of the $p =$ _____

[Alexandria - El Montaza 24]

6. In the opposite bar model :

The value of the unknown $F =$ _____

F	
5.05	5.5

[El Monofia - Menof 24]

7. _____ is the smallest odd prime number.

[Cairo - New 24]

8. The smallest even prime number is _____

[Port Said - Port Fouad 24]

9. The number whose prime factors are 2, 2, 3 and 5 is _____

[El Beheira 23]

10. The common factor of all numbers is _____

[Cairo - Ain Shams 24]

11. _____ and _____ are prime factors of 6

[Aswan 23]

12. The G.C.F of 2 and 5 is _____

[Port Said - East 24]

13. The G.C.F of 12 and 16 is _____

[Cairo - El Mokattam 24, Giza - El Omrania 24]

14. The common multiple for all numbers is _____

[El Monofia - Tala 24, Quesna 24]

15. The L.C.M of 3 and 7 is _____

[Port Said - North 24]

16. The L.C.M of 20 and 30 is _____

[Cairo - West 24]

3. Answer each of the following.

1. Find the greatest common factor [G.C.F] of 36 and 24

[Alexandria - Agmi 24]

2. Find [L.C.M] for the two numbers [8 and 12]

[El Beheira 23]

3. Find the L.C.M and G.C.F for the two numbers 6 and 10

[Cairo - El Marg 23]

4. Solve each of the following equations using inverse operation strategy.

a. $x + 3.40 = 7.04$

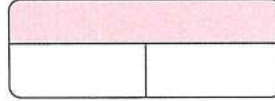
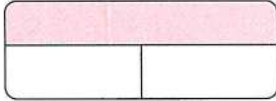
b. $y - 2.34 = 3.66$

5. Solve the following equations [create a bar model to solve each problem].

a. $T - 2.5 = 2.9$

b. $2.45 + y = 9$

[Cairo - El Sahel 24]



6. Answer the following.

a. List the first five multiples of 8

b. List the first six multiples of 4

c. What are the common multiples of 8 and 4 ?

7. Mona waters one of her plants every 4 days and another plant every 6 days. If she waters both plants today.

When is the next time both plants will be watered on the same day ?

1. Choose the correct answer.

1. $47 \times 1,000 =$ _____

[El Menia 24]

A. 470

B. 4,700

C. 4.7

D. 47,000

2. _____ $\times 5 = 5,000$

[Port Said - East 24, El Fayoum 24]

A. 10

B. 100

C. 1,000

D. 0.1

3. $70 \times$ _____ $= 7,000$

[Kafr El Sheikh - Bayala 24, kalyoubia 23]

A. 1

B. 10

C. 100

D. 1,000

4. If $496 = 4 \times [A] + 9 \times [B] + 6$, then $A + B =$ _____

[Assiut 23]

A. 100

B. 10

C. 110

D. 490

5. If $54 \times a = 18 \times 54$, then $a =$ _____

[Alexandria - Agmi 23]

A. 972

B. 54

C. 18

D. 3

6. If $9 \times r = 36$, then $r =$ _____

[Cairo - El Sayeda Zeinab 24]

A. 6

B. 9

C. 8

D. 4

7. $30 \times 15 =$ _____

[El Menia - Matay 23]

A. 45

B. 45 Tens.

C. 45 Hundreds.

D. 45 Thousands.

8. $20 \times 50 =$ _____

[El Gharbia 23]

A. 100

B. 1,000

C. 2,500

D. 25

9. $110 \times 40 =$ _____

A. 44

B. 440

C. 4,400

D. 44,000

10. $20 \times 15 =$ _____ Hundreds.

[Giza 24]

A. 30

B. 3,000

C. 300

D. 3

11. 5 Hundreds $\times$ 3 Hundreds $=$ _____ Hundreds.

A. 15

B. 53

C. 1,500

D. 8

12. 49×912 is closer to _____

[Alexandria - West 24]

A. 4,500

B. 45,000

C. 40,000

D. 400

13. Estimate $415 \times 33 =$ _____

[El Monofia - Shebin El kom 24]

A. 12,000

B. 1,200

C. 150,000

D. 1,600

14. The product of 193×19 near close to _____

[El Monofia - Menof 24, Cairo - Nasr City 23]

A. 4,000

B. 40

C. 400

D. 40,000

15. The product of 57×83 by using front-end estimation _____ [Aswan - Edfo 24]

- A. 40,000 B. 4,000 C. 400 D. 4,800

16. $[100 + 100 + 70 + 4] \times [6 + 80] =$ _____ [Suez 23]

- A. 174×86 B. 174×68 C. 274×86 D. 274×68

17. $2 \times [5 \times 4] = [2 \times \text{_____}] \times 4$ [Kafr El Sheikh 24]

- A. 4 B. 5 C. 2 D. 0

18. $53 \times \text{_____} = [53 \times 4] + [53 \times 6]$ [El Kalyoubia 23]

- A. 4 B. 6 C. 8 D. 10

19. $[3 \times 61] + [5 \times 61] = \text{_____} \times 61$ [Cairo - El Mokattam 24]

- A. 53 B. 35 C. 8 D. 6

20. $[4 \times 85] + [2 \times 85] = \text{_____} \times 85$ [Ismailia - Fayed 24, Giza - Awseem 23]

- A. 24 B. 42 C. 8 D. 6

21. $[80 \times 10] + [80 \times 3] + [3 \times 10] + [3 \times 3] =$ _____ [Ismailia 24]

- A. 83×13 B. 38×13 C. 83×31 D. 38×31

22. 16×15 ○ 20×13

- A. > B. = C. <

23. 327×53 ○ 199×43

- A. > B. < C. = D. ≤

24. $83 \times 14 =$ _____ [Port Said 24]

- A. 1,126 B. 97 C. 83.14 D. 1,162

25. $1,234 \times 25 =$ _____ [El Fayoum - West 23]

- A. 30,850 B. 30,854 C. 30,751 D. 30,755

26. $3 \begin{array}{|c|c|} \hline 60 & 5 \\ \hline 180 & 15 \\ \hline \end{array}$ represents _____

[El Sharkia 23, Cairo - El Basateen and El Salam 24]

- A. $63 \div 5$ B. $65 \div 3$ C. $165 \div 3$ D. 65×3

27. What is the unknown value in the area model of 27×43 ?

[Assiut 23]

- A. 6 B. 60
C. 12 D. 120

×	40	3
20	800	?
7	280	21

28. The missing number in the opposite product is _____

A. 2,451

B. 1,524

C. 1,452

D. 1,542

$$\begin{array}{r} 514 \\ \times 13 \\ \hline + 5,140 \\ \hline 6,682 \end{array}$$

29. A pair of shoes costs 500 L.E. , which is 5 times as much as a shirt costs , then the shirt cost = _____ L.E.

A. 500

B. 400

C. 300

D. 100

30. Mona bought 31 boxes of juice for 25 L.E. each. She paid = _____ L.E.

A. 757

B. 775

C. 577

D. 7,750

31. What is the ones digit of the product of 456×24 will be without solving the whole problem ?

[El Monofia - El Sadat 23]

A. 3

B. 4

C. 5

D. 6

2. Complete the following.

1. If $b \times 3 = 24$, then $b =$ _____

[Giza - El Omrania 24]

2. $3 \times 500 =$ _____

[Port Said 24]

3. _____ $\times 15 = 15,000$

[El Beheira 24]

4. $30 \times 40 =$ _____

[Alexandria - El Gamarek 24]

5. $142 \times 2 =$ _____

[Cairo - New 24]

6. $21 \times 64 =$ _____

[Aswan - kom Ombo 23]

7. $2,134 \times 5 =$ _____

8. $70,000 = 7 \times$ _____

9. $40 \times 12 =$ _____

[Giza - 6th October 24]

10. $9 \times 27 = [9 \times \text{_____}] + [9 \times 7]$

[Alexandria - West 23]

11. $4 \times 354 = [4 \times 300] + [4 \times 50] + [4 \times \text{_____}]$

[El Monofia - Menof 24, Sers El Layan 24]

12. $[6 \times 87] + [20 \times 87] = \text{_____} \times 87$

[Giza 24]

13. $[40 \times 30] + [40 \times 8] + [7 \times 30] + [7 \times 8] = \text{_____} \times \text{_____}$

[Alexandria - Agmi 24]

14. This area model

80	90	8
9		

 represents the product _____ $\times$ _____

[El Monofia - Tala 24]

3. Answer each of the following.

1. Find the missing number.

[Giza - Awseem 23]

a. If $n \times 123 = 0$, then $n =$ _____

b. If $5 \times m = 35$, then $m =$ _____

2. Find the product of 56×12 [Use one of the multiplication strategies]

[El Monofia - El Bagour 24]

3. A factory produces 320 toys each month. What is the number of toys that is produced in 12 months ?

[Alexandria - Agmi 24]

4. A box of mangoes weights 9 kilograms.

How many kilogram would 1,000 boxes weight ?

[Aswan 23]

5. 8 Friends everyone has 122 pounds. Find the total amount of money.

[El Gharbia 23]

6. Marwa saved 125 pounds ,Ahmed saved 11 times as Marwa , Mariam saved 9 times as Marwa. How much money they saved ?

7. Ahmed has 300 pounds to spend on new clothes if he bought 12 pair of socks for 18 pounds a pair. How money will he have left to spend ?

[Ismailia 24]

General Revision

On Unit 4

1. Choose the correct answer.

1. $24 \div \text{————} = 8$

- A. 12 B. 4 C. 3

2. $90 \div \text{————} = 10$

- A. 90 B. 19 C. 9

3. $150 \div 15 = \text{————}$

- A. 10 B. 101 C. 51

4. $23 \div 1 = \text{————}$

- A. 0 B. 1 C. 23

5. $0 \div 25 = \text{————}$

- A. 0 B. 25 C. 1

6. $8,100 \div 90 = \text{————}$

- A. 9 B. 0.9 C. 90

7. ———— has no remainder.

- A. $16 \div 3$ B. $16 \div 5$ C. $16 \div 6$

8. The divisor in the equation $39 \div 5 = 7 \text{ R } 4$ is ————

- A. 7 B. 5 C. 39

9. If $45 \div 6 = 7 \text{ R } 3$, then the dividend is ————

- A. 6 B. 45 C. 7

10. In the equation : $24 \div 6 = 4$, the remainder is ————

- A. 0 B. 1 C. 2

11. The quotient in the equation : $63 \div 7 = 9$ is ————

- A. 63 B. 7 C. 9

12. $1,515 \div 15 = \text{————}$

- A. 11 B. 101 C. 1,001

13. $4,150 \div 29 = 143 \text{ R } \text{————}$

- A. 4 B. 2 C. 1

14. In the opposite area model of division
the value of x is ————

- A. 1 B. 10
C. 100 D. 1,000

15. If $125 \times 5 = 625$, then $627 \div 5 = 125 \text{ R } \text{————}$

- A. 1 B. 0 C. 2

[El Beheira - Rasheed 24]

D. 6

[El Monofia - Ashmoon 24]

D. 0.9

[Giza - Abo El Nomrous 24]

D. 15

[Giza - South 24]

D. 24

[Giza - El Omrania 24]

D. 2

[Port Said 24]

D. 0.09

[El Monofia - Tala 24]

D. $16 \div 8$

[Ismailia - El Kassaseen 24]

D. 4

[Cairo - El Mokattam 24]

D. 3

[Cairo - El Basateen and El Salam 24]

D. 4

[Alexandria - El Montaza 24]

D. 0

[Cairo - El Mokattam 24, Ismailia 23]

D. 15

[Ismailia 24, Giza - Awseem 23]

D. 3

	200	x	7
34	$\begin{array}{r} 7,378 \\ -6,800 \\ \hline 578 \end{array}$	$\begin{array}{r} 578 \\ -340 \\ \hline 238 \end{array}$	$\begin{array}{r} 238 \\ -238 \\ \hline 000 \end{array}$

[Ismailia - El kassaseen 24]

D. 3

16. If $4,092 \div 12 = 341$, then $341 \times 12 =$ _____

- A. 4,091 B. 4,092 C. 4,093 D. 4,094

17. If $3,321 \div 27 = 123$, then $3,323 \div 27 =$ _____

- A. 123 B. 123 R 1 C. 123 R 2 D. 123 R 3

2. Complete the following.

1. $3,600 \div 4 =$ _____

[Alexandria - Agmi 24]

2. $29 \div 4 = 7$ R _____

[Cairo - El Mokattam 24, Port Said - North 24]

3. If $30 \div 5 = 6$, then 5 is called _____

[El Gharbia 23]

4. If we divide 18 plums equally into 3 bags, then the number of plums in each bag is _____ plums.

[Ismailia 23]

5. $120 \div 30 =$ _____

[Alexandria - El Gamarek 24]

6. Quotient $\times$ divisor + remainder = _____

[Ismailia 24]

7. The quotient in the opposite area model is _____

	70	3
25	$\begin{array}{r} 1,825 \\ -1,750 \\ \hline 75 \end{array}$	$\begin{array}{r} 75 \\ -75 \\ \hline 00 \end{array}$

8. If $13 \times 257 = 3,341$, then $3,344 \div 13 = 257$ R _____

9. $2,761 \div 2,761 =$ _____

10. If $650 \div 25 = 26$, then $26 \times 25 + 5 =$ _____

11. $1,227 \div 12 =$ _____ R _____

[Cairo - Al Khalifa and Al Mokattam 23]

3. Answer each of the following.

1. Find the quotient of division $6,224 \div 16$

[Cairo - El Mokattam 24]

2. Distribute 3,600 L.E. between 9 persons equally. How much every one takes ?

[Giza - El Agouza 23]

3. A teacher wants to distribute 510 prizes among 5 classes equally. How many prizes does each class get ?

[El Monofia - Menof 24, Sers El Layan 24]

4. If 165 passengers travel to Cairo by private cars, the number of passengers in each car is 11 passengers, what is the number of cars to transport all the passengers ?

[El Kalyoubia 23]

5. A charity wants to distribute 3,125 pounds between 25 persons equally. What's the share of each person ?

[Giza - Abo El Nomrous 23]

6. There are 1,500 animals in one barn. There are 574 goats, 346 cows and the rest are horses. If 80 horses were sold, how many horses are left in that barn ?

1. Choose the correct answer.

1. $85.3 \times 0.1 =$ _____

A. 85.03

B. 0.853

C. 8.53

D. 853

[Ismailia - Fayed 24, Port Said - Port Fouad 24]

2. $1.7 \times 0.01 =$ _____

A. 0.017

B. 0.17

C. 17

D. 1.7

[Cairo - El Mokattam 24]

3. $58.675 \times 0.10 =$ _____

A. 85,675

B. 5.8675

C. 586.75

D. 60

[El Beheira 23]

4. $100 \times 5.2 =$ _____

A. 5.20

B. 520

C. 0.52

D. 52

[Cairo - Heliopolis 23]

5. $14 \times$ _____ $= 1.4$

A. 10

B. 100

C. 0.1

D. 0.01

[kafr El Sheikh - Bayala 24]

6. _____ $\times 0.01 = 4.12$

A. 412

B. 4,120

C. 41,200

D. 0.412

[Souhag 23]

7. $76.5 \times \frac{1}{10} =$ _____

A. 765

B. 7.65

C. 0.765

D. 76.05

[El Menia 23]

8. 91.2×0.01  0.0912×10

A. >

B. <

C. =

D. $\geq$

[El Monofia - Quesna 24]

9. $0.5 \times 0.5 =$ _____

A. 25

B. 2.5

C. 0.25

D. 0.025

[Giza 24, Port Said 24]

10. $0.4 \times 0.6 =$ _____

A. 24

B. 2.4

C. 0.24

D. 0.024

[Giza - Awseem 24, El Beheira 23]

11. If $4 \times 9 = 36$, then $0.4 \times 0.9 =$ _____

A. 0.36

B. 0.6

C. 6.3

D. 36

[Giza - Abo El Nomrous 24]

12. $0.2 \times 50 =$ _____

A. 10

B. 1,000

C. 2,500

D. 25

[Cairo - West 24]

13. 3 Hundredths $\times 3 =$ _____

A. 9 Hundreds.

B. 9 Hundredths.

C. 0.90

D. 9

[Ismailia 23]

14. $12 \times 0.2 =$ _____

A. 240

B. 2.4

C. 0.24

D. 24

[Port Said - North 24]

15. 3 Tenths $\times$ 4 Tenths $=$ _____

A. 12 Tenths.

B. 12 Hundredths.

C. 12 Ones.

D. 12 Thousandths.

[Cairo - El Basateen and El Salam 24]

16. $8.43 \times 0.2 \approx$ ——— [to the nearest Hundredth]

A. 1.686

B. 1.7

C. 1.69

D. 2

[Giza 23]

17. $2.1 \times 5.3 =$ ———

A. 111.3

B. 11.13

C. 1.113

D. 1.333

[El Monofia - Shebin El kom 24]

18. $4.1 \times 1.1 =$ ———

A. 45.1

B. 451

C. 0.451

D. 4.51

[Giza - Awseem 24, El Beheira 23]

19. The operation in the opposite area model

is ——— $\times$ ———

A. 5.6×4.2

[El Monofia - Menof 24]

B. 24×56

C. 0.24×0.56

D. 0.24×5.6

	5	0.6
4	20	2.4
0.2	1.0	0.12

20. 0.57 liter = ——— mL

A. 0.057

B. 5.7

C. 57

D. 570

[Cairo - El Sahel 24]

21. 0.725 kg = ——— gm

A. 725

B. 72.5

C. 7.25

D. 7,250

[Cairo - El Maadi 24]

22. 16.5 m = ——— cm

A. 1.65

B. 165

C. 1,650

D. 0.165

[Alexandria - El Montaza 24]

23. 2.8×0.01 $2.8 \div 0.01$

A. <

B. =

C. >

D. otherwise.

[El Monofia - Sers El Layan 24]

24. $3.6 \div 0.04 =$ ———

A. 0.9

B. 90

C. 0.09

D. 0.009

[Cairo - Heliopolis 23]

25. $1.2 \div 0.12 =$ ———

A. 10

B. 20

C. 12

D. 21

[Cairo - West 24]

26. $0.35 \div 0.5 =$ ———

A. 7

B. 0.007

C. 0.07

D. 0.7

[Alexandria - West 23]

27. The quotient of $2.4 \div 0.4 =$ ———

A. 11

B. 6

C. 0.6

D. 1.6

[Cairo 23]

28. $4 \div 0.5 =$ ———

A. 5

B. 8

C. 2

D. 3

[El Monofia - Tala 24]

29. $29.29 \div 29 =$ ———

A. 1.1

B. 1.01

C. 10.1

D. 0.101

[Cairo - El Maadi 24]

30. 95 millimeters = ——— cm

A. 9.5

B. 0.95

C. 0.0095

D. 0.095

[Port Said 23]

2. Complete the following.

1. $1.123 \times 0.01 =$ _____ [El Beheira 23]
2. _____ $\times 0.01 = 5.324$ [Giza - Awseem 23]
3. $4.2 \times 5.6 =$ _____ [Giza - Awseem 23]
4. $25 \times 0.1 =$ _____ [Aswan - Kom Ombo 23]
5. $5.4 \times 0.12 =$ _____ [Cairo - Heliopolis 23]
6. $250 \text{ mL} =$ _____ L [Cairo - El Marg 23]
7. $7.700 \text{ g} =$ _____ kg [Cairo - El Nouzha 23]
8. $39 \text{ days} \approx$ _____ weeks [to the nearest week] [Ismailia 23]
9. $513.2 \div 0.01 =$ _____ [Cairo - El Basateen and El Salam 24, Ismailia 23]
10. $12.7 \div 0.01 =$ _____ [Cairo - Hadaek El Quba 24, Ismailia 23]
11. $36 \text{ cm} =$ _____ m [El Beheira 23]
12. $89.36 \div 100 = 89.36 \times$ _____ [Giza - Awseem 23]
13. The quotient of $6.66 \div 6 =$ _____ [El Beheira 23]
14. $8.8 \div 3.2 =$ _____ $\div$ _____ $=$ _____ [Ismailia 23]
15. $2.1 \div 0.7 =$ _____ [Cairo - El Nouzha 23]
16. The quotient of $84.24 \div 2 =$ _____ [Cairo - El Marg 23]
17. $2,000 \text{ g} =$ _____ kg [Giza - El Haram 24, El Beheira 23]

3. Answer each of the following.

1. Find the result of : 2.14×2.7 [Cairo 23]
2. Use any strategy to find. [with steps]
 - a. 1.74×3.5
 - b. 2.43×3.4
 - c. 29.76×6.4 [Ismailia 23]
3. An ant walks 0.2 km on a day. How many meters does it walk ? [Ismailia 23]
4. Ali bought 9 cans of soda , if the price of one can is 6.5 pounds ,
how much money did Ali pay ? [Cairo - El Sherouk 23]
5. A rope that is 4.5 meters long is cut into 3 equal pieces. How long is each piece ? [Aswan 23]
6. If the price of a bottle of juice is 14.5 L.E. , what is the price of 15 bottles of the same juice ? [Cairo 24, El Beheira 23]
7. Ali has 6.72 m of wire. If he decided to cut it into 16 pieces ,
what is the length of each piece ? [Souhag 23]

General Revision

On Unit 6

1. Choose the correct answer.

1. $6 + 2.4 \times 10 =$ _____

[Giza 24, El Menia - Mallawi 24]

- A. 8.4 B. 84 C. 30 D. 8.24

2. $2.3 \div 0.1 + 10 =$ _____

[Cairo - El Basateen and El Salam 24]

- A. 230 B. 10.23 C. 33 D. 0.33

3. $25 \times 4 \div [6 - 5] =$ _____

[Cairo - El Mokattam 24]

- A. 100 B. 101 C. 0.01 D. 165

4. The operation must done first to calculate : $50 - 8 + 1.2 \times 10 \div 0.1$ is _____

- A. addition. B. subtraction. C. multiplication. D. division.

5. Subtract 2.2 from 6.42 and multiply the result by 3 , then the expression is _____

- A. $2.2 \times 3 - 6.42$ B. $3 \times 6.42 - 2.2$ C. $6.42 - 2.2 \times 3$ D. $[6.42 - 2.2] \times 3$

6. Which expression matches the clue "Multiply 5.4 by 100 , next add 18 , last divide the result by 9" ?

- A. $5.4 \times 100 + 18 \div 9$ B. $5.4 \times [100 + 18] \div 9$
C. $[5.4 \times 100] + 10 \div 9$ D. $[5.4 \times 100 + 18] \div 9$

7. The rule of the pattern : 3 , 7 , 11 , 15 , ... , is _____

[Alexandria - West 24]

- A. $n - 4$ B. $n + 4$ C. $n \times 4$ D. $n \div 4$

8. The rule of the pattern : 1 , 2 , 5 , 14 , ... , is _____

- A. $n + 1$ B. $n \times 2 - 1$ C. $n \times 3 - 1$ D. $n \times 2 + 1$

9. The missing number in the opposite pattern is _____

- A. 12 B. 15
C. 21 D. 28

input	output
4	9
5	11
6	13
7	....
8	17

10. The second step to evaluate the expression $9.3 \times 0.1 + 4.7 - 1.1$ is _____

- A. 9.3×0.1 B. 9.3×4.8 C. $0.93 + 4.7$ D. $0.93 + 1.1$

11. $2 + [2.1 - 0.1] \times 5 =$ _____

[El Monofia - Tala 24]

- A. 10 B. 12 C. 20 D. 24

12. The value of the expression : $30 - 25 \div [4 + 1]$ is _____

[Alexandria - Agmi 24]

- A. 1 B. 25 C. 5 D. 10

2. Complete the following.

1. $3.3 \div 3 \times 10 =$ _____

[Alexandria - West 23]

2. 1.3, 1.7, 2.1, 2.5, _____, 3.3 [in the same pattern]

[El Monofia 23]

3. 5, 10, 20, 40, _____ [in the same pattern]

[Port Said 24, El Menia 23]

4. 85, 80, 75, _____ Rule _____

[Cairo - El Marg 23, El Basateen and El Salam 24]

5. In the pattern : 5, 10, 15, 20, ..., the rule is _____

[Giza - Awseem 23]

6. 1.5, 3, 4.5, 6, _____

[Aswan 23]

7. 23, 27, 31, 35, _____ [in the same pattern]

[El Beheira 23]

8. 0, 3, 6, 9, 12, _____

[Cairo - El Zaiton 23]

9. In the pattern : 3, 5, 7, 9, ..., the rule is _____

[Giza 23]

10. $12 \div 4 + 2 =$ _____

[Cairo - Ain Shams 24]

11. $3.2 \times 3 \div 6 + 1.4 =$ _____

[Ismailia 24]

12. The first operation to evaluate the expression : $[9.4 - 3.4] \div 2 + 55 \times 10$ is _____

13. In the opposite table, the rule of the pattern is _____

input	1	2	3	4
output	5	10	15	20

3. Answer each of the following.

1. Subtract 3.1 from 4.6, then multiply the result by 0.01

[Port Said 24, Giza - Awseem 23]

2. Write the expression that matches the clue. Then, evaluate the expression.

Subtract 2.1 from 5.2, then multiply the result by 100

3. Use the order of mathematical operations to evaluate : $4.2 + 24 \div 4 + 8$

4. Lucinda had 2,000 pounds. She bought 10 balls for 33 pounds each and 10 toys for 27 pounds each. How much money is left with Lucinda ?

5. Use the order of mathematical operations to evaluate the expression :

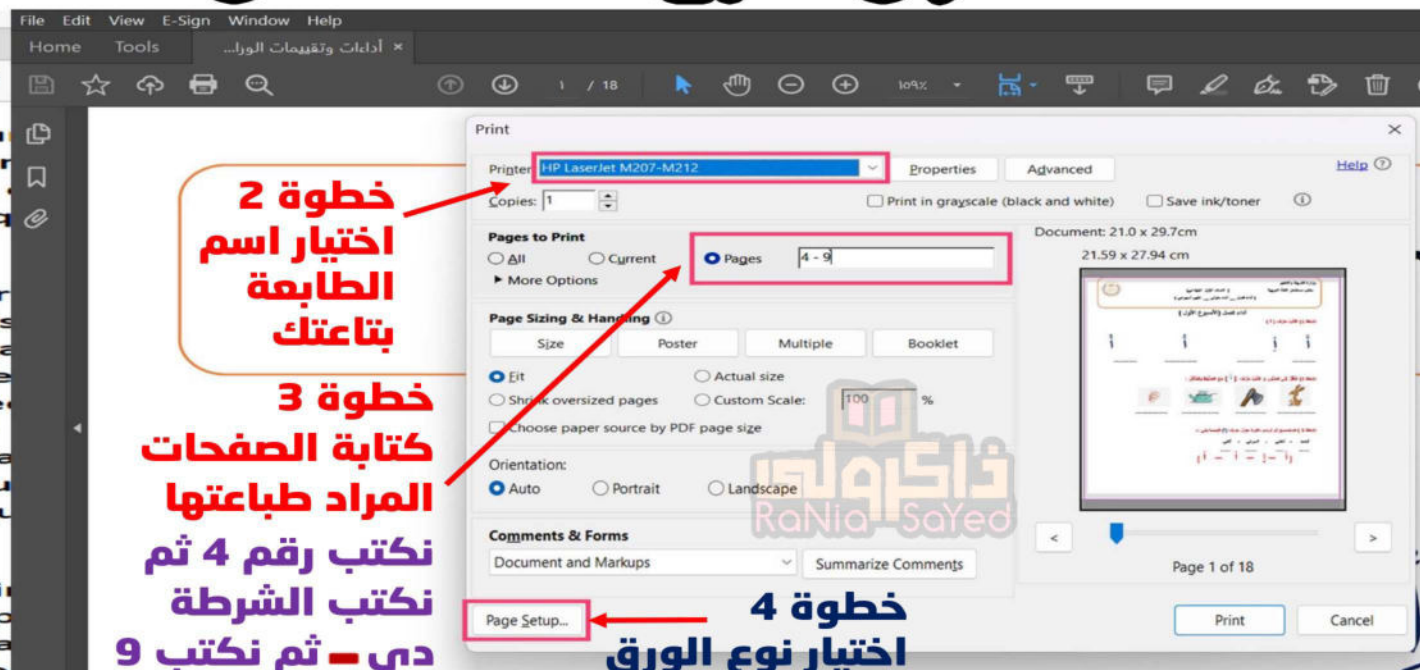
$7 + 3 \times [5 - (3 \times 1)] - 12 \div 10$

كيفية طباعة صفحات معينة من ملف معين

مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9



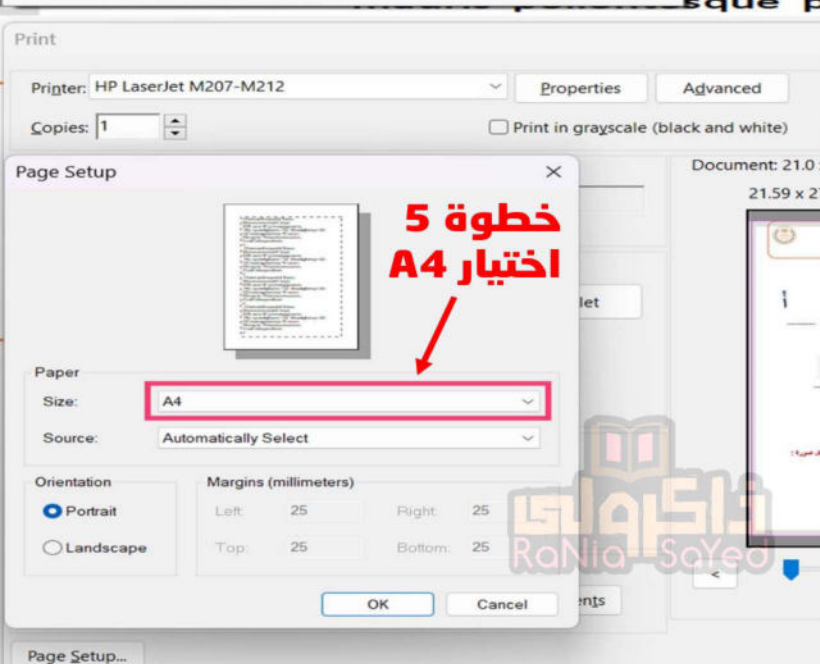
خطوة 1



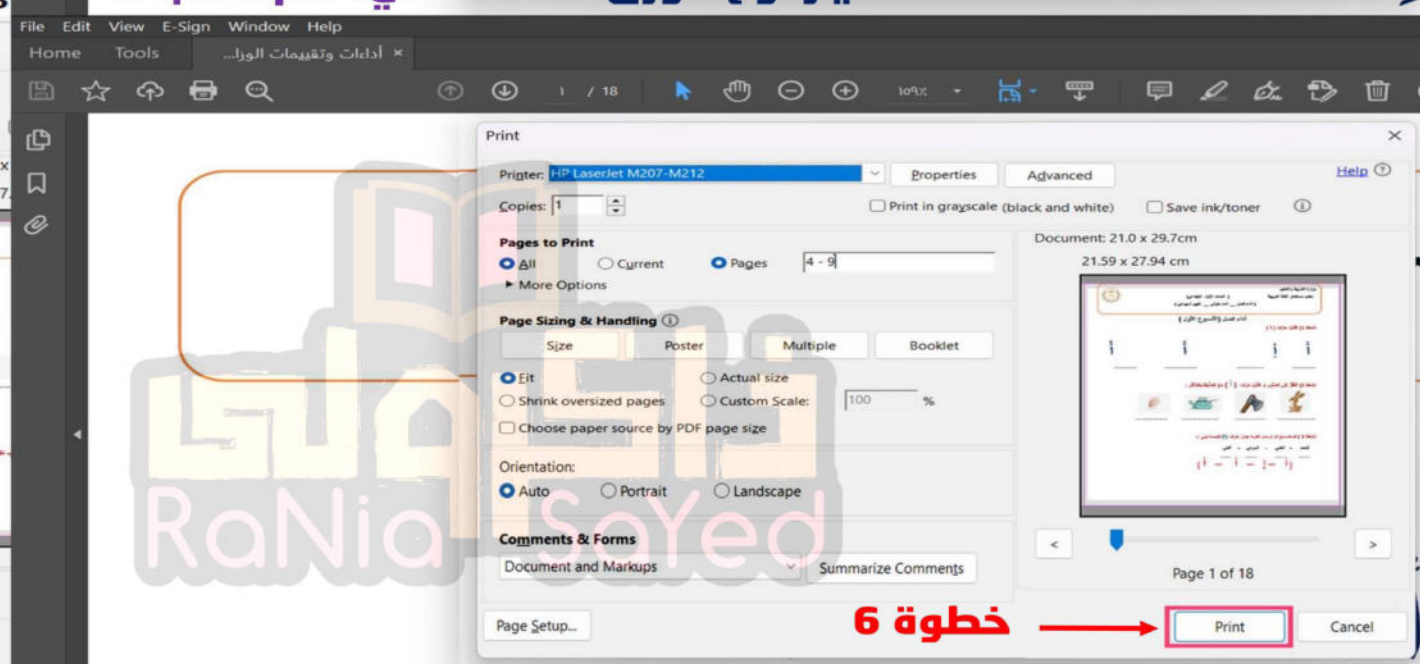
خطوة 2
اختيار اسم
الطابعة
بتاعتك

خطوة 3
كتابة الصفحات
المراد طباعتها
نكتب رقم 4 ثم
نكتب الشرطة
دي - ثم نكتب 9

خطوة 4
اختيار نوع الورق



خطوة 5
اختيار A4



خطوة 6

حمل الآن

مجاناً وحصرياً

المراجعة رقم (2)

الترم الاول



Final Revision



First: Choose the correct answer:

- 1 Seven milliard, fifty thousand and seven hundredths =
(7,050.07 or 7,000,050.07 or 7,000,050,000.07 or 7,000,050,000,.07)
- 2 The place value of 5 in 528,239.247 is
(Hundred Millions or Hundred Thousands or Hundreds or Hundredths)
- 3 $4\frac{45}{100} =$ (4.45 or 44 or 4.045 or 45.4)
- 4 $2.053 =$ ($20\frac{53}{100}$ or $205\frac{3}{10}$ or $2\frac{53}{1000}$ or $\frac{753}{1000}$)
- 5 4 million =Ten Thousand (400 or 4,000 or 40,000 or 400,000)
- 6 6 hundredths = (6 or 0.60 or 0.060 or 0.006)
- 7 6 tenths, 9 thousandths = (0.609 or 0.069 or 6.009 or 0.906)
- 8 Five thousand, two hundred and twenty-three thousandths =
(5,200.230 or 5,200. 23 or 520.023 or 5,200.023)
- 9 In, the place value of 5 is Hundredths.
(500.46 or 46.005 or 40.056 or 46,500)
- 10 The digit that represents the Thousandths in 4,568.178 is
(1 or 7 or 8 or 4)
- 11 The value of increased when multiplying by 10 to 25.26.
(25.26 or 252.6 or 2.526 or 2,526)
- 12 The value of decreased when dividing by 10 to 0.026.
(0.026 or 0.26 or 2.6 or 26)
- 13 X 10 = 258 (2580 or 258 or 25.8 or 2.58)
- 14 $45 \times 10 =$ (450 or 0.45 or 4.5 or 40.5)

- 15 $8.05 \div 10 = \dots\dots\dots$. (805 or 8.5 or 80.5 or 0.805)
- 16 When all digits of a number move one place to the left, its value $\dots\dots\dots$.
(decreases or increases or does not change or other)
- 17 When all digits of a number move one place to the $\dots\dots\dots$, its value decreases. (right or left or other)
- 18 $23 + 0.02 + 0.003 = \dots\dots\dots$ (2,302,00 or 2,323 or 23.023 or 23.23)
- 19 $824.12 = \dots\dots\dots$. (824+1+2 or 824+12 or 824+0.12 or 800+200+4+10+2)
- 20 When 56.73 is multiplied by 10, the value of the digit 7 $\dots\dots\dots$.
(Does not change or increases from 0.7 to 7 or increases from 70 to 700 or decre
- 21 If we increased the number 3.263 by a factor of 10, become? (3.263 or 0.3263 or 326.3 or 32.63)
- 22 $400 + 50 + 0.2 + 0.004 = \dots\dots\dots$. (450.24 or 450.024 or 450.204 or 45.204)
- 23 $85 \div 10 = \dots\dots\dots$ (8.5 or 0.85 or 0.085 or 850)
- 24 $34 \times \dots\dots\dots = 3,400$ (100 or 1,000 or 10 or 1)
- 25 $56.73 < \dots\dots\dots$ (56.69 or 56.8 or 56.075 or 56.729)
- 26 $0.32 \times 10 \square 3.2 \div 10$ (< or = or > or $\leq$)
- 27 $56 < \dots\dots\dots < 57$ (562 or 57.3 or 5.6 or 56.02)
- 28 $\dots\dots\dots \approx 2.5$ (To the nearest 0.1) (2.445 or 2.456 or 0.536 or 2.05)
- 29 $56.298 \approx 56.30$ (To the nearest $\dots\dots\dots$. (100 or 10 or 0.01 or whole number)
- 30 $381.657 \approx \dots\dots\dots$ (to the nearest Hundredth)
(381.667 or 400 or 381.66 or 381.60)
- 31 $59.16 \dots\dots\dots 59.6$ (< or > or = or otherwise)

Final Revision

32 The smallest number in the following is
(40.0 or 39.210 or 39.02 or 39.2)

33 $0.174 \approx 0.17$ to the nearest
(Tenth or Hundredth or Hundred or Thousandth)

34 $45 + 0.5$ $450 + 0.05$ ($<$ or $>$ or $=$ or $\leq$)

35 $0.300 =$ (3 tenths or 300/100 or 30/10 or 3/100)

36 ≈ 75.3 (To the nearest Tenth)
(75.03 or 75.39 or 750.3 or 75.34)

37 $78.098 \approx$ (To the nearest whole number) (78.1 or 78 or 79 or 7)

38 $4,000 + 40 + 0.4 + 0.04 =$
(4,040.44 or 44.44 or 444.04 or 4,400.40)

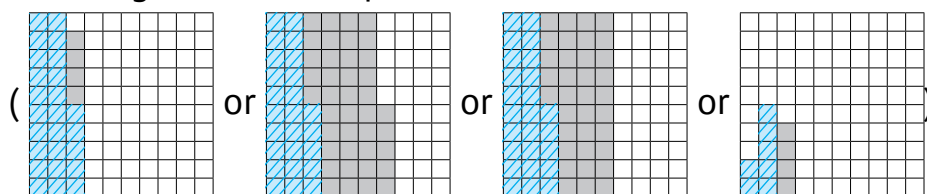
39 ≈ 75.60 (To the nearest Hundredth)
(75.694 or 75.607 or 75.599 or 75.697)

40 4 Tenths + 3 Thousandths = Thousandths
(0.403 or 7 or 43 or 403)

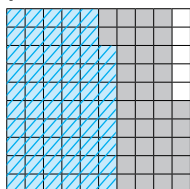
41 $0.256 +$ $= 1$ (0.854 or 1.744 or 0.8 or 0.744)

42 $5.25 + 32.7 =$ (37.92 or 8.52 or 85.2 or 37.95)

43 The model representing the addition problem $0.25 + 0.4$ is



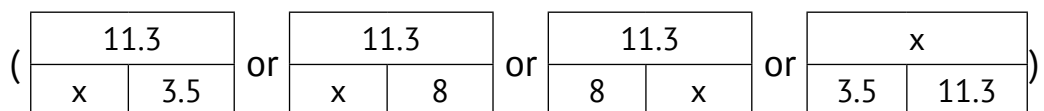
44 The addition problem that represents the opposite model is



(0.58 + 3.7 or 5.8 + 0.37 or 5.8 + 3.7 or 0.58 + 0.37)

45 The benchmark decimal closest to 2.01 is
(1 or 1.5 or 2 or 2.5)

- 46 The estimate of $78.089 - 5.247$ using rounding to the nearest 0.01 strategy is (72.84 or 72.842 or 72.9 or 65)
- 47 $12.78 - \dots = 8.8$ (3.98 or 21.58 or 11.9 or 13.66)
- 48 $7.15 - 2.6 = \dots$ (4.55 or 9.75 or 6.09 or 7.41)
- 49 $1 - \dots = 0.47$ (1.47 or 1.53 or 0.53 or 0.47)
- 50 $8 - 0.45 = \dots$ (8.45 or 8.55 or 7.45 or 7.55)
- 51 The sum of 462 and 11.2 has decimal place(s). (1 or 2 or 3 or 0)
- 52 The composite number in the following numbers is
(7 or 13 or 15 or 5)
- 53 $18.58 = \dots$ (To the nearest whole number) (59 or 19 or 18 or 18.6)
- 54 $20 + 0.07 + 0.008 = \dots$ (20.078 or 20.78 or 20.708 or 20.80)
- 55 $59.16 \square 59.6$ (< or > or = or otherwise)
- 56 $45 + y - 2.5$ is a/an
(variable or mathematical expression or equation or other)
- 57 "Ahmed sleeps 7 hours a day." is a/an
(variable or mathematical expression or equation or other)
- 58 In the equation $45 - m = 25$. If 45 represents the number of students in one of the classes and 25 represents the number of girls in this class, then the variable m represents the
(number of girls or number of boys or number of students or number of teachers)
- 59 The bar model that expresses the equation $x + 3.5 = 11.3$ is



Final Revision

60 Using the opposite bar model: $x = \dots\dots\dots$

3.16	
x	2.8

(2.8 or 1.8 or 1.64 or 0.36)

61 The equation that represents the sum of 6.35 and 3.14 is $\dots\dots\dots$.

($m = 6.35 + 3.14$ or $m - 3.14 = 6.35$ or $m - 6.35 = 3.14$ or $m = 6.35 - 3.14$)

62 The bar model that expresses the equation $x - 2.6 = 1.4$ is $\dots\dots\dots$.

(

x	
2.6	1.4

 or

2.6	
x	1.4

 or

1.4	
x	2.6

 or

2.6	
x	4

)

63 $\dots\dots\dots$ is a prime number.

(51 or 52 or 57 or 59)

64 $\dots\dots\dots$ is a factor of 24.

(14 or 18 or 17 or 12)

65 The numbers 2, 3, 5, 7 are $\dots\dots\dots$ numbers.

(even or odd or prime or composite)

66 The smallest prime number formed from two digits is $\dots\dots\dots$.

(2 or 10 or 11 or 12)

67 The greatest common factor of any two prime numbers is $\dots\dots\dots$.

(the largest number or the smallest number or one or zero)

68 The GCF for the pair (30 , 25) is $\dots\dots\dots$.

(25 or 5 or 10 or 3)

69 Subtract 7.4 from 8.6 is written as $\dots\dots\dots$.

($7.4 - 8.6$ or $8.6 - 7.4$ or 8.6×7.4 or $8.6 \div 7.4$)

70 $\dots\dots\dots$ is a factor of the number 35.

(2 or 3 or 5 or 6)

71 Which of the following is a common multiple of 9 and 6?

(3 or 12 or 27 or 18)

72 The only even prime number is $\dots\dots\dots$.

(2 or 0 or 3 or 10)

73 The number $\dots\dots\dots$ is the common factor of all numbers.

(0 or 1 or 2 or 3)

- 74 From the multiples of 7 is (15 or 22 or 35 or 4)
- 75 The greatest common factor of 21 and 7 is (7 or 21 or 28 or 14)
- 76 21 is one of the multiples of the number (2 or 5 or 6 or 7)
- 77 5 kg = gm. (50 or 500 or 5,000 or 0.005)
- 78 $1,001 \times 25 =$ (2,525 or 25,025 or 250,025 or 5,225)
- 79 The multiplication problem that expresses the corresponding area model is
- | | | | |
|---|-----|-----|----|
| | 100 | 80 | 3 |
| 5 | 500 | 400 | 15 |
- (5 X 915 or 5 X 183 or 5 X 143 or 5 X 12)
- 80 The multiplication problem that expresses the corresponding model is
- | | | |
|---|-----|---|
| | 800 | 7 |
| 4 | | |
- (4 X 870 or 4 X 807 or 4 X 780 or 4 X 708)
- 81 The area model that represents $(50 \times 70) + (50 \times 3) + (4 \times 70) + (4 \times 3)$ is
- | | | |
|------|---|---|
| | 4 | 3 |
| (50 | | |
| 70 | | |
- or
- | | | |
|----|----|---|
| | 70 | 3 |
| 50 | | |
| 4 | | |
- or
- | | | |
|----|---|---|
| | 4 | 4 |
| 50 | | |
| 3 | | |
- or
- | | | |
|---|---|---|
| | 7 | 3 |
| 5 | | |
| 4 | | |
- 82 $(25 \times 2) + (25 \times 7) = 25 \times$ (9 or 27 or 72 or 14)
- 83 $7 \times (500 + 4) =$ (7 X 54 or 7 X 504 or 7 X 5,004 or 7 X 9)
- 84 The problem that represents the opposite area model is
- | | | | |
|----|-------|-----|---|
| | 5,000 | 400 | 3 |
| 60 | | | |
| 7 | | | |
- (5,403 X 67 or 5,043 X 67 or 5,430 X 67 or 543 X 67)
- 85 $600 \times 400 =$ (240,000 or 24,000 or 2,400 or 240)
- 86 60 is twice (30 or 60 or 120 or 10)
- 87 $(4 \times 85) + (2 \times 85) =$ x 85 (24 or 42 or 8 or 6)
- 88 30 days = weeks, days
(4 weeks, 28 days or weeks, 8 days or 4 weeks, 2 days or 28 weeks, 2 days)

Final Revision

89 $25 \times 7,561 = \dots\dots\dots$ (188,025 or 177,005 or 175,705 or 189,025)

90 $2 \frac{1}{2}$ days = $\dots\dots$ hours (60 or 50 or 48 or 24)

91 876×72 is closer to $\dots\dots\dots$ (56,000 or 5,600 or 63,000 or 72,000)

92 $75 \times 25 = [70 \times 20] + [70 \times 5] + [5 \times 20] + [\dots\dots\dots])$
(5 x 5 or 5 x 50 or 50 x 5 or 50 x 50)

93 $6 \times 65 = (6 \times 5) + (6 \times \dots\dots\dots)$ (6 or 60 or 0.6 or 600)

94 The quotient
in the opposite model is $\dots\dots\dots$.
(435 or 4,305 or 4,350 or 4,035)

	4,000	30	5
	254,205	2,205	315
63	-254,205	- 1,890	- 315
	220,5	315	0

95 If $26 \times 155 + 20 = 4,050$, then the remainder of $4,050 \div 26$ is $\dots\dots\dots$.
(20 or 26 or 155 or 4,050)

96 $4,444 \div 44 = \dots\dots\dots$ (1111 or 110 or 101 or 1001)

97 The dividend in the division $24 \div 6 = 4$ is $\dots\dots\dots$. (24 or 6 or 4 or 0)

98 The quotient in
the following division model
is $\dots\dots\dots$.
(5,248 or 12 or 4 or 437)

	0437
12	5,248
-	48
	44
-	36
	88
-	84
	4

99 $24,000 \div 600 = \dots\dots\dots$. (4 or 40 or 400 or 4,000)

100 $2,215 \div 15 = 147 \text{ R } \dots\dots\dots$. (0 or 5 or 10 or 15)

101 $29 \div 4 = 7 \text{ R } \dots\dots\dots$. (0 or 1 or 2 or 3)

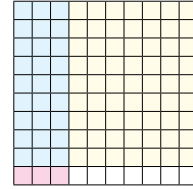
102 [Quotient x Divisor] + Remainder = $\dots\dots\dots$.
(Divisor or Quotient or Remainder or Dividend)

103 1, 1, 2, 3, 5, $\dots\dots$. in the same pattern (15 or 6 or 7 or 8)

104 $654 \div \dots\dots\dots = 654$ (10 or 100 or 1 or 0)

105 Any number dividing by itself (except zero) equals
(0 or 1 or itself or undefined)

106 The multiplication problem that represents the opposite model is
(0.3×0.9 or 3×9 or 0.3×9 or 3×0.9)



107 If $12 \times 45 = 540$, then $\times 0.45 = 540$ (1.2 or 0.12 or 120 or 1,200)

108 The product of 0.01×0.1 has decimal places. (1 or 2 or 3 or 4)

109 $0.09 \times 0.3 = \dots\dots\dots$ (0.27 or 0.027 or 2.7 or 0.0027)

110 $7,641 \div 1,000 = \dots\dots\dots$ (7.641 or 76.41 or 764.1 or 1)

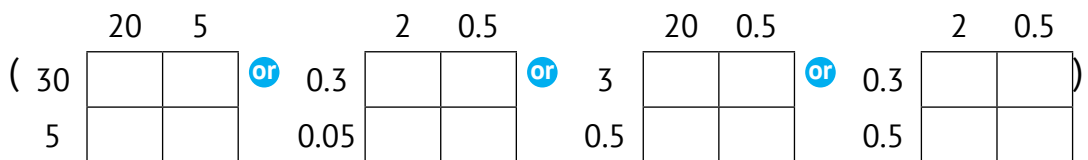
111 4,632 meters = kilometers (4.632 or 46.32 or 463.2 or 4632)

112 78.5 m = cm (785 or 7.85 or 7,850 or 0.785)

113 kg = 460 gm (0.46 or 460,000 or 4.60 or 4,600)

114 5.2 L = mL (0.052 or 0.52 or 52 or 5,200)

115 The area model that expresses 2.5×0.35 is



116 Adding 13.5 and 2.5 then divide the sum by 4 is written as

($13.5 + 2.5 \div 4$ or $[13.5 + 2.5] \div 4$ or $13.5 + [2.5 \div 4]$ or $13.5 - [2.5 \div 4]$)

117 There are grams in 10 kilograms. (10 or 100 or 1,000 or 10,000)

118 $0.2 \times 1.12 = \dots\dots\dots$ (224 or 22.4 or 2.24 or 0.224)

119 $45 - 2.1 \times 4.1 + 32 = \dots\dots\dots$ (68.39 or 207.89 or 6.839 or 20.789)

120 $5.6 + 0.5 - 0.4 \times 1.5 = \dots\dots\dots$
($6.1 - 0.6$ or $5.6 + 0.1 \times 1.5$ or $5.6 + 0.5 - 0.6$ or $6.1 - 0.4 \times 1.5$)

Final Revision

121 The pattern rule of (15 , 21 , 27 , 33 , 39 , 45 , ... is

$$(n + 6 \text{ or } n - 6 \text{ or } n \times 6 \text{ or } n \div 6)$$

122 The rule of the following pattern is

Input	Output
5	11
6	13
7	15

$$(n \times 2 + 1 \text{ or } (n + 1) \times 2 \text{ or } n + 1 \times 2 \text{ or } (n + 2) \times 1)$$

123 If the input is 5 and the output is 0.5, then the rule is

$$(n \times 10 \text{ or } n - 10 \text{ or } n \div 10 \text{ or } n + 10)$$

124 Pattern rule of 2 , 4 , 6 , 8 , ... is: (n or n + 4 or n + 2 or n + 1)

125 An employee works 480 minutes a day. Calculate the number of minutes an employee works in 7 days.

$$(480 - 7 \text{ or } 480 \div 7 \text{ or } 480 \times 7 \text{ or } 480 + 7)$$

126 The variable in equation $47.8 = X + 32$ is (15.8 or x or 47.8 or 32)

127 $2.9 \div 0.3 =$ (29 ÷ 3 or 2.9 ÷ 3 or 29 ÷ 3 or 29 ÷ 30)

128 Which of the following is an equation?

$$(34 \times 12 \text{ or } 89 - 34 \text{ or } 3.6 + 1.6 = x \text{ or } 14.2 - 3.574)$$

Second: Answer the following:

1 Mahmoud is planning a trip from Cairo to El Fayoum. He will travel 147.72 kilometers. Round the distance to the nearest whole number.

2 Tamer drinks 1.5 liters of water per day. If he drinks 0.5 liters of water in the morning and 0.7 liters at lunch, how many liters of water does he drink in the evening?

- 3 Emad had 56.5 pounds. He bought a pen for 12.25 pounds and a notebook for 15.5 pounds. How much money does Emad have left?

.....

- 4 A classroom in a school has 21 girls and 15 boys.
How many students are there in this class? (Use the bar model)

.....

.....

- 5 Two numbers their sum is 255 and one of them is 107.5.
What is the other number? (Use the bar model)

.....

.....

- 6 Fill in the bar model, then find the solution:
 $2.456 + x = 7.382$

.....

.....

- 7 Fill in the bar model, then find the solution:
 $w = 9.2 - 5.025$

.....

.....

- 8 Adel goes to the club every 3 days to train for football, and his friend Ahmed goes to the same club every 4 days to train for volleyball. If they went to the club today, after how many days do the two friends meet?

.....

.....

Final Revision

- 9 Omar owns 12 buses to transport tourists; each bus can carry 25 passengers. How many passengers can Omar carry each day if each bus is full?

- 10 A rectangular piece of land has a length of 256 meters and a width of 62 meters. Find its area.

- 11 Mona saves 1,023 pounds every month. What is the total amount that Mona saves in 18 months?

- 12 A teacher has 96 books and wants to distribute them equally among 4 students. How many books will each student get?

- 13 Murad bought 76 candies and distributed them equally among 6 of her friends. How many candies will each friend get? Will there be any candy left with Murad?

- 14 A box has 256 balls. How many balls are in eight identical boxes?

- 15 The owner of a juice shop owns 2,880 paper cups. If he uses them within 12 days equally, how many cups did he use every day?

- 16 A travel agency wants to divide 480 passengers using minibuses, each one has 15 seats. How many minibuses can the travel agency use?

- 17 Adel bought a car for 69,380 pounds and paid 65,940 pounds in advance, then he will pay the rest over four monthly installments . What is the value of the monthly installment?

- 18 Use the distributive property of multiplication and the area model to find the product of 26×43 .

- 19 Arrange the following in ascending order:

1.351 , 1.135 , 1.531 , 1.315 , 3.135

- 20 The weight of Farida is 45.235 kg, and the weight of Mazen is 52.012 kg, Find their weight together.

Final Revision

- 21 Hanaa has 200 pounds. She wants to buy a pair of shoes for 99.8 LE, a bag for 45.75 LE, and a dress for 70.25 LE.

Can she buy all she wants? why?

.....

22 $[72.12 + 2.71] \times 10 = \dots\dots\dots$

- 23 Find the common factors and GCF of 36 and 24:

- Factor of 36: $\dots\dots\dots$.
- Factor of 24: $\dots\dots\dots$.
- Common factors: $\dots\dots\dots$.
- GCF = $\dots\dots\dots$.

- 24 Marwa saved 125 pounds; Ahmed saved 10 times as much as Marwa saved, and Mariam saved 6 times as much as Marwa saved. How much money did they save altogether?
-
-

- 25 Use the mathematical order of operations to evaluate the following expression.

$$7 + 3 \times [5 - (3 \times 1)] - 12 \div 10$$

.....

.....

- 26 Using the given rule, list the first five numbers in the pattern.

Starting number: 5, Rule: $n + 5$: $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$.

- 27 Farida bought 20 meters of fabric. If the price of one meter is 65.5 pounds, what is the price of the whole fabric?
-
-

- 28 Mona had 95.5 LE, she spent 35.75 LE. Find the remainder with her.

- 29 Use the mathematical order of operations to evaluate the following expression.
- $$3.3 \div 3 \times 10 - 10$$

- 30 Write the expression: Subtract 2.6 from 9.8, then multiply the result by 0.01

- 31 Decompose the number 285.285 using the expanded form.

- 32 Order from the least to the greatest: 0.65 km, 590 meters, 0.8 km, 1 km

- 33 Solve the equation $K + 2.4 = 7.8$

- 34 Use the opposite table to discover the rule, then find the missing numbers in the table.

The rule is:

Input	Output
6	7.5
.....	11.5
14	15.5
.....	10
12.5	.....
16	17.5

Final Revision

Guide Answers

First

Choose

- 1** 7,000,050,000.07
2 Hundred Thousand
4 2 53/1000
6 0.060
8 5,200.023
10 8
12 0.26
14 450
16 increases
18 23.023 **19** $824 + 0.12$
20 increases from 0.7 to 7
22 450.204
24 100
26 >
28 2.456
30 381.66
32 39.02 **33** hundredth
34 < **35** 3 tenths
36 75.34
38 4,040.44
40 403
42 37.95 **43** Second model
44 $0.58 + 0.37$
46 72.84
48 4.55
50 7.55
52 15
54 20.078
56 mathematical expression
58 number of boys
59 first model
61 $m = 6.35 + 3.14$
62 first model
64 12
66 11
68 5
70 5
72 2
- 3** 4.45
5 400
7 0.609
9 40.056
11 2.526
13 25.8
15 0.805
17 right
21 32.63
23 8.5
25 56.8
27 56.02
29 0.01
31 <
37 78
39 75.599
41 0.744
45 2
47 3.98
49 0.53
51 1
53 19
55 <
57 Other
60 0.36
63 59
65 Prime
67 One
69 8.6-7.4
71 18
73 1

- 74** 35
75 7
77 5,000
79 5×183
81 Second model
83 7×504
84 $5,403 \times 67$
85 240,000
87 6
88 4 weeks, 2 days
89 189,025
91 63,000
93 60
95 20
97 24
99 40
101 1 **102** Dividend
103 8
105 1 **106** 0.3×0.9
107 1,200
109 0.027
111 4.632
113 0.46
115 Second model
116 $[13.5 + 2.5] \div 4$
118 0.224
120 $5.6 + 0.5 - 0.6$
122 $n \times 2 + 1$
124 $n + 2$ **125** 480×7
126 X
128 $3.6 + 1.6 = x$
- 76** 7
78 25,025
80 4×807
82 9
86 30
90 60
92 5×5
94 4,035
96 101
98 437
100 10
104 1
108 3
110 7.641
112 7,850
114 5,200
117 10,000
119 68.39
121 $n + 6$
123 $n \div 10$
127 $29 \div 3$

Second

Answer the following

- 1** 148 km
2 $1.5 - (0.5 + 0.7) = 0.3$ L
3 $56.5 - (12.25 + 15.5) = 28.75$ pounds
4 $X = 21 + 15 = 36$
5 $x = 225 - 107.5 = 117.5$

X	
21	15

225	
X	107.5

6 $x = 7.382 - 2.456 = 4.926$

7.382	
X	2.456

7 $w = 9.2 - 5.025 = 4.175$

9.2	
w	5.025

8 after 12 days

9 $12 \times 25 = 300$ passengers

10 $\text{area} = 256 \times 62 = 15,872 \text{ m}^2$

11 $1,023 \times 18 = 18,414$ pounds

12 $96 \div 4 = 24$ books

13 $76 \div 6 = 12 \text{ R}4$

14 $256 \times 8 = 2,048$ balls

15 $2,880 \div 12 = 240$ cups

16 $480 \div 15 = 32$ minibuses

17 the left money =

$$69,380 - 65,940 = 3,440 \text{ pounds}$$

Value of each installment =

$$3,440 \div 4 = 860 \text{ pounds}$$

18 $(20 \times 40) + (20 \times 3) + (6 \times 40) + (6 \times 3)$
 $= 1,118$

19 1.135 , 1.315 , 1.351 , 1.531 , 3.135

20 $45.235 + 52.012 = 97.247 \text{ kg}$

21 $99.8 + 45.75 + 70.25 = 215.8$ pounds
 she can not

22 748.3

23 1, 2, 3, 4, 6, 9, 12, 18, 36
 1, 2, 3, 4, 6, 8, 12, 24
 1, 2, 3, 4, 6, 12 GCF = 12

24 Ahmed = $125 \times 10 = 1,250$ pounds

Mariam = $125 \times 6 = 750$

Total = $1,250 + 750 + 125 = 2,125$

25 $7 + 3 \times 2 - 12 \div 10 = 11.8$

26 5, 10, 15, 20, 25

27 $20 \times 65.5 = 1,310 \text{ m}$

28 remainder = $95.5 - 35.75 = 59.75$ pounds

29 1

30 $(9.8 - 2.6) \times 0.01 = 0.072$

31 $200 + 80 + 5 + 0.2 + 0.08 + 0.005$

32 590 m , 0.65 km , 0.8 km , 1km

33 $k = 5.4$

34 10, 8.5 13.75 $n + 1.5$

حمل الآن

مجاناً وحصرياً

المراجعة رقم (3)

الترم الاول





First term Questions Bank



Question 01

choose the correct answer

- 1 The place value of 8 in the number 85.324 is
 (a) tenths (b) tens (c) hundreds (d) ones
- 2 The value of 7 in the number 254.375 is
 (a) 70 (b) 0.07 (c) 0.007 (d) hundredths
- 3 The number of thousandths in 0.23 isthousandths
 (a) 0 (b) 230 (c) 0.23 (d) 2.3
- 4 $1,232 \div 12 = 102 \text{ R } \dots\dots\dots$
 (a) 12 (b) 8 (c) 18 (d) 2
- 5 The only even prime number is
 (a) 2 (b) 0 (c) 3 (d) 10
- 6 The smallest odd prime number is
 (a) 0 (b) 1 (c) 2 (d) 3
- 7 $h + 5.2 = 9.1$, then $h = \dots\dots\dots$
 (a) 14.3 (b) 3.9 (c) 4.1 (d) 4
- 8 $426.54 - d = 123.5$, then $d = \dots\dots\dots$
 (a) 303.04 (b) 550.04 (c) 303 (d) 550
- 9 $500 \text{ g} = \dots\dots\dots\text{kg}$
 (a) 500,000 (b) 5,000 (c) 0.5 (d) 50
- 10 8.5 Liters =ml
 (a) 85,000 (b) 8,500 (c) 850 (d) 0.85
- 11 $6.4 \text{ L} - 1,200 \text{ ml} = \dots\dots\dots\text{ml}$
 (a) 5,200 (b) 520 (c) 56 (d) 5,600
- 12x 0.01 = 4.12
 (a) 0.0412 (b) 412 (c) 4,120 (d) 4.12
- 13 $42.96 \div 0.1 = \dots\dots\dots$
 (a) 429.6 (b) 4.296 (c) 4296 (d) 0.4296



- 14 $65.7 \times 1,000 = \dots\dots\dots$
 (a) 457,000 (b) 65,700 (c) 657 (d) 0.657
- 15 $13.13 \div 0.13 = \dots\dots\dots$
 (a) 11 (b) 130 (c) 101 (d) 0.1313
- 16 $0.6 \times 0.4 = \dots\dots\dots$
 (a) 24 (b) 0.24 (c) 2.4 (d) 0.2
- 17 30 days =weeks,days
 (a) 4 weeks, 28 days (b) 4 weeks, 8 days
 (c) 4 weeks, 2 days (d) 28 weeks, 2 days
- 18 The divisor in $45 \div 5 = 9$ is
 (a) 9 (b) 5 (c) 5 (d) 15
- 19 The first step in $5.6 \times 2 - 0.75 + 6.2$ is
 (a) 5.6×2 (b) $2 - 0.75$ (c) $11.2 - 0.75$ (d) $0.75 + 6.2$
- 20 In 4, 5.5, 7, 8.5, 10, the rule is
 (a) $n + 1$ (b) $n - 1.5$ (c) $n + 1.5$ (d) $n - 1$
- 21 $45 - 2.1 \times 4.1 + 32 = \dots\dots\dots$
 (a) 68.39 (b) 207.89 (c) 6.839 (d) 20.789
- 22is an expression .
 (a) $45.1 + 3 = 48.1$ (c) $3.2 + 15 = 18.2$
 (b) $2.6 + 6.3 \times 2 - 3.2$ (d) $25.2 - 5 = 20$
- 23 $5 + m - 3.2$. This called
 (a) equation (b) expression (c) multiplication (d) division
- 24 Any number dividing by zero equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 25 The benchmark of 0.85 is
 (a) 0 (b) 1 (c) 0.5 (d) 10
- 26 The number whose prime factors 2, 2, 3 is
 (a) 2 (b) 3 (c) 4 (d) 12
- 27 Add the number 6 to the multiplicative identity . The result is
 (a) 6 (b) 7 (c) 5 (d) 1
- 28 Subtract the multiplicative identity from 6.3 . The result is
 (a) 5.3 (b) 5 (c) 7.3 (d) 7



- 29 $5.6 + m = 10.4$, then $m =$
 (a) $10.4 + 5.6$ (b) 16 (c) $10.4 - 5.6$ (d) 30
- 30 $k - 3.21 = 5$, then $k =$
 (a) $5 - 3.21$ (b) $5 + 3.21$ (c) 2 (d) 1.23
- 31 $450 \div 10 =$
 (a) 45 tens (b) 450 tens (c) 450 (d) 45
- 32 $1,000 \div 100 =$
 (a) 10 (b) 1 (c) 100 (d) 1000
- 33 Any number dividing by 1 equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 34 Any number dividing by itself equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 35 $654 \div \dots = 654$
 (a) 10 (b) 100 (c) 1 (d) 0
- 36 $0 \div 1.45 =$
 (a) 1.45 (b) 0 (c) 1 (d) undefined
- 37 $32.1 \div 0 =$
 (a) 0 (b) 1 (c) 32.1 (d) undefined
- 38 The place value of 7 in the number 254.375 is
 (a) tens (b) thousands (c) thousandths (d) hundredths
- 39 Any number multiplying by one equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 40 $10 = \text{double of}$
 (a) 10 (b) 20 (c) 5 (d) 0
- 41 $100 = \text{half of}$
 (a) 50 (b) 200 (c) 100 (d) 1
- 42 60 is twice
 (a) 30 (b) 60 (c) 120 (d) 10
- 43 There aremillilitres in 2.02 liters
 (a) 202,000 (b) 202 (c) 2020 (d) 2
- 44 There aremeters in 57.357 km
 (a) 57,357 (b) 0.57357 (c) 5,735.7 (d) 57.357
- 45 4 thousandths $\times 3 =$
 (a) 0.012 (b) 12 (c) 12,000 (d) 1.3



- 46 $6 + c = 2.1$ is called
 (a) equation (b) expression (c) multiplication (d) division
- 47 Any number multiplied by zero equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 48 The value of the digit 4 in the number 3.514 is
 (a) 40,000 (b) 400 (c) 0.4 (d) 0.004
- 49 The value of the variable x in the equation $x + 3.5 = 8$ is
 (a) 3.5 (b) 5.4 (c) 4.5 (d) 5.5
- 50 All the following numbers are prime numbers except
 (a) 2 (b) 5 (c) 7 (d) 9
- 51 The number is the common multiple of all numbers .
 (a) 0 (b) 1 (c) 2 (d) 3
- 52 $18.58 = \dots\dots\dots$ round to the nearest whole number .
 (a) 59 (b) 19 (c) 18 (d) 18.6
- 53 $20 + 0.07 + 0.008 = \dots\dots\dots$
 (a) 20.078 (b) 20.78 (c) 20.708 (d) 20.807
- 54 $(4 \times 85) + (2 \times 85) = \dots\dots\dots \times 85$
 (a) 24 (b) 42 (c) 8 (d) 6
- 55 Five ones , forty seven thousandths =
 (a) 57.4 (b) 5740 (c) 5.47 (d) 5.047
- 56 The number is one of the multiples of the digit 6 .
 (a) 16 (b) 26 (c) 24 (d) 10
- 57 The prime factors of 12 are
 (a) 2,2,3 (b) 2,3,3 (c) 6,2 (d) 4,3
- 58 The number is the common factor of all numbers .
 (a) 0 (b) 1 (c) 2 (d) 3
- 59 The value of the variable x in the equation $x - 2.5 = 4$ is
 (a) 1.5 (b) 6.5 (c) 5.6 (d) 5.1
- 60 The composite number in the following numbers is
 (a) 7 (b) 13 (c) 15 (d) 5
- 61 The smallest 2-digit prime number is
 (a) 13 (b) 2 (c) 3 (d) 11
- 62 The smallest 2 different digit prime number is
 (a) 3 (b) 2 (c) 13 (d) 17
- 63 The GCF of 3 and 7 is
 (a) 1 (b) 7 (c) 21 (d) 10



- 64 The LCM of 3 and 7 is
 (a) 1 (b) 7 (c) 21 (d) 10
- 65 The GCF of 5 and 10 is
 (a) 1 (b) 5 (c) 10 (d) 50
- 66 The LCM of 5 and 10 is
 (a) 1 (b) 5 (c) 10 (d) 50
- 67 The GCF of 10 and 11 is
 (a) 1 (b) 10 (c) 11 (d) 110
- 68 The LCM of 10 and 11 is
 (a) 1 (b) 10 (c) 11 (d) 110
- 69 $3.6 \div 0.04 =$
 (a) 0.9 (b) 90 (c) 0.09 (d) 0.009
- 70 $8,000 \text{ ml} =$ L
 (a) 8 (b) 80 (c) 0.08 (d) 0.008
- 71 $1.7 - 0.85 =$
 (a) 0.65 (b) 0.55 (c) 0.75 (d) 0.85
- 72 12 is a multiple of
 (a) 2 (b) 16 (c) 10 (d) 24
- 73 12 is a factor of
 (a) 2 (b) 16 (c) 10 (d) 24
- 74 $48 \times$ = 0.048
 (a) 1000 (b) 0.001 (c) 0.01 (d) 100
- 75 9 thousandths – 8 thousandths = thousandths
 (a) 1 (b) 2 (c) 0.001 (d) 0.01
- 76 9 thousandths – 8 thousandths =
 (a) 1 (b) 2 (c) 0.001 (d) 0.01
- 77 In $13 \div 6 = 2 \text{ R } 1$, the quotient is
 (a) 13 (b) 6 (c) 2 (d) 1
- 78 $0.008 \text{ km} =$ m
 (a) 8 (b) 800 (c) 8000 (d) 0.8



- 79 $38 \times 52 = (30 \times 50) + (30 \times \dots) + (8 \times \dots) + (8 \times 2)$
 (a) 2,50 (b) 50,20 (c) 30,8 (d) 50,2
- 80 $2.6 + 6.3 \times 2 - 3.2 = \dots$
 (a) 13 (b) 12 (c) 25 (d) 30
- 81 Quotient $\times$ divisor + remainder =
 (a) quotient (b) dividend (c) divisor (d) remainder
- 82 3 hundreds $\times$ 2 hundreds =
 (a) 6 (b) 60 (c) 600 (d) 60,000
- 83 The prime factors of 14 are
 (a) 14 (b) 2,7 (c) 2 (d) 7
- 84 $654 \times 100 = \dots$
 (a) 654 (b) 6450 (c) 65,400 (d) 6.45
- 85 The common multiple of all numbers is
 (a) 0 (b) 1 (c) 2 (d) 5
- 86 63 hundredths $\times$ 5 =
 (a) 3.15 (b) 315 (c) 31.5 (d) 3150
- 87 $\dots \div 0.01 = 0.4$
 (a) 0.004 (b) 0.04 (c) 0.0004 (d) 4000
- 88 In the equation $24 \div 4 = 6$ the remainder is
 (a) 1 (b) 6 (c) 0 (d) 24
- 89 $78 \times \dots = 7.8$
 (a) 100 (b) 10 (c) 0.1 (d) 0.01
- 90 Complete by using the following area model
 $58 \times 42 = (40 \times \dots 50 \dots) + (40 \times 8) + (\dots 2 \dots \times 50) + (2 \times \dots 8 \dots) = \dots$
 (a) 2436 (b) 2453 (c) 2485 (d) 2406
- 91 In $37 \div 6 = 6 \text{ R } 1$, the dividend is
 (a) 6 (b) 37 (c) 1 (d) 36
- 92 18 kg = 18,000 g
 (a) 18,000 (b) 18 (c) 180 (d) 1800
- 93 The number whose prime factors 2, 2, 3, 3 is
 (a) 36 (b) 18 (c) 4 (d) 9
- 94 The sum of $3.127 + 8.65 = \dots$
 (a) 11.777 (b) 11.77 (c) 11.07 (d) 11.007



- 95 The number of factors of 18 is
 (a) 3 (b) 18 (c) 6 (d) 5
- 96 5 thousandths + 73 hundredths = Thousandths
 (a) 83 (b) 76 (c) 735 (d) 0.753
- 97 The additive identity is
 (a) 3 (b) 2 (c) 1 (d) 0
- 98 4 hundredths - 12 thousandths =thousandths
 (a) 0.052 (b) 0.52 (c) 520 (d) 52
- 99 The value of 4 in the number 85.324 is
 (a) 4 (b) 0.04 (c) 0.004 (d) 400
- 100 $4 \times 43 = (4 \times 3) + (4 \times \dots)$
 (a) 4 (b) 43 (c) 40 (d) 413
- 101 $21.6 \div 2 = \dots$
 (a) 10 (b) 10.8 (c) 21.6 (d) 10.08
- 102 $2.321 \times 0.001 = \dots 2,321 \dots$
 (a) 0.2321 (b) 2,321 (c) 2.321 (d) 23210
- 103 $0.4 \times 0.3 = \dots$
 (a) 0.12 (b) 0.012 (c) 12 (d) 120
- 104 $6.2 - m = 3$, then $m = \dots$
 (a) 2.8 (b) 6.2 (c) 3.2 (d) 3
- 105 25 hasfactors
 (a) 1 (b) 2 (c) 25 (d) 3
- 106are the factors of 25
 (a) 25 (b) 15 (c) 1,5,25 (d) 20
- 107 The place value of 4 in the number 85.324 is
 (a) ones (b) tenths (c) Thousandths (d) Hundredths
- 108 $1,000 \text{ g} = \dots 1 \dots \text{kg}$
 (a) 0.1 (b) 100 (c) 2 (d) 1
- 109 The multiplicative identity is
 (a) 2 (b) 1 (c) 0.1 (d) 0.01
- 110 The product of $13.5 \times 2.2 = \dots$
 (a) 2970 (b) 297 (c) 29.7 (d) 0.297



- 111 11 hasfactors
 (a) 11 (b) 3 (c) 2 (d) 121
- 112 The remainder must be less than thedivisor.....
 (a) quation (b) reminder (c) dividended (d) divisor
- 113 The factors of 18 are 1,2,3,6,9,18.....
 (a) 2,9 (b) 1,2,9,18 (c) 1,2,3,6,9,18 (d) 18
- 114 $11.11 \div 11 = \dots\dots\dots$
 (a) 101 (b) 1.01 (c) 0.1 (d) 100
- 115 complete the area model and find the answer
 $(40 \times 40) + (40 \times 8) + (9 \times 40) + (9 \times 8) = \dots\dots\dots$
 (a) 22.42 (b) 2,242 (c) 2.242 (d) 224.2
- 116 $1,000 \times \dots\dots 0.0521 \dots\dots = 52.1$
 (a) 0.0521 (b) 521 (c) 0.521 (d) 5210
- 117 $0.2546 \times 1,000 = \dots\dots 254.6 \dots\dots$
 (a) 2.546 (b) 2546 (c) 254.6 (d) 25.46
- 118 $3,000 \div 100 = \dots\dots\dots$
 (a) 0.03 (b) 0.3 (c) 300 (d) 30
- 119 $0.2 \times 31.2 = \dots\dots 6.24 \dots\dots$
 (a) 62.4 (b) 624 (c) 6.24 (d) 6240
- 120 Twenty two and twenty two hundredths is
 (a) 20.22 (b) 22.22 (c) 2222 (d) 2.222
- 121 $3.7 \div 0.1 = \dots\dots\dots$
 (a) 0.37 (b) 370 (c) 37 (d) 370
- 122 $632.2 \times \dots\dots\dots = 6.322$
 (a) 0.01 (b) 0.1 (c) 100 (d) 0.001
- 123 $0.23 \times 6 = \dots\dots\dots$
 (a) 1.33 (b) 133 (c) 0.0133 (d) 0.33
- 124 $54 \times 0.001 = \dots\dots 0.054 \dots\dots$
 (a) 540 (b) 0.054 (c) 0.54 (d) 0.0054
- 125 The product of 899×11 is closer to the product of.....
 (a) 900 (b) 80×10 (c) 90 (d) 900×10
- 126 The quotient in $480 \div 48 = 10$ is
 (a) 480 (b) 10 (c) 48 (d) 4.8
- 127 $(300 + 60 + 1) \times 5 = \dots\dots\dots \times 5$
 (a) 36.1 (b) 3.61 (c) 361 (d) 3610



- 128 The quotient of $6.66 \div 6 = \dots\dots 1.11\dots\dots$
 (a) 1110 (b) 11.1 (c) 111 (d) 1.11
- 129 The GCF of 8 and 12 is
 (a) 8 (b) 12 (c) 4 (d) 96
- 130 4 hundredths - 12 thousandths =
 (a) 520 (b) 0.52 (c) 52 (d) 0.052
- 131 There aremilliliters in 14 liters
 (a) 140 (b) 1.4 (c) 14,000 (d) 14
- 132 $53.21 \div 1 = \dots\dots\dots$
 (a) 53210 (b) 532.1 (c) 5321 (d) 53.21
- 133 $8.2 - 2.6 = \dots\dots\dots$
 (a) 5.6 (b) 56 (c) 560 (d) 0.56
- 134 Is not composite nor prime .
 (a) 1 (b) 0 (c) 2 (d) 3
- 135 The number of hundredths in 0.23 ishundredths
 (a) 24 (b) 20 (c) 23 (d) 0.23
- 136 Add the number 6 to the additive identity . The result is
 (a) 3 (b) 2 (c) 6 (d) 5
- 137 Prime numbers hasfactors
 (a) 3 (b) 1 (c) 2 (d) 0
- 138 The prime factors of 18 are
 (a) 2,2,2,3 (b) 2,9 (c) 4,9 (d) 2,4,3
- 139 The first operation in $45 - 2.1 \times 4.1 + 32$ is
 (a) 2.1×4.1 (b) $4.1 + 32$ (c) $2.1 - 45$ (d) $45 - 2.1$
- 140 $0.0045 \times \dots\dots\dots = 45$
 (a) 1000 (b) 10,000 (c) 10 (d) 0.10
- 141 $5.6 \times 2 - 0.75 + 6.2 = \dots\dots\dots$
 (a) 10.65 (b) 1065 (c) 1.65 (d) 1.065
- 142 $0.32 \times 12 = \dots\dots\dots$
 (a) 0.0384 (b) 3.84 (c) 0.384 (d) 384
- 143 $\times 0.01 = 98.47$
 (a) 9.847 (b) 9,847 (c) 984.7 (d) 98470
- 144 $6.2 \times 0.001 = \dots\dots\dots$
 (a) 6.2 (b) 0.0062 (c) 62000 (d) 6200



Question 03

Answer the following questions

- 1 Eyad has 6.72 m of wire . If he decided to cut it into 16 pieces . What is the length of each pieces ?
.....
- 2 Sandy drink 5.24 liters of juice weekly . If the cost of 1 liter of juice is 16.2 LE . Find what sandy pays ?
.....
- 3 Hana was 10 years old , her sister Yara was half her age . How old will Yara be when Hana is 12 years old ?
.....
- 4 Retal bought 4 books for 20 pounds each and bought 6 pens for 65 pounds . If she had 300 pounds . How much money are left ? Write the equation .
.....
- 5 Omar had 5000 pounds. If he bought 6 toys 23 pounds each and bought a mobile for 3200 pounds . How much money are left with omar ? Write the equation .
.....
- 6 Find the product of 24.32×6.2
.....
- 7 Find the result of $300.53 - 11.04 \times 0.2 \div 0.01 + 13.07$
.....
- 8 write 96.123 in expanded form .
.....
- 9 write 96.123 in word form .
.....
- 10 Decompose 96.123
.....
- 11 Walaa bought 9 pens of the same type . If the price of one pen is 4.5 pounds . How much money will she pay ?
.....
- 12 A teacher wants to distribute 280 prizes to 7 classes equally . How many prizes per each class ?
.....



- 13 Decompose the number 80.507 using expanded form .
.....
- 14 Adam bought a laptop for 7,250 pounds and a mobile for 4,750 pounds . If he had 15,000 pounds . How much money are left with him ?
.....
- 15 Aliaa used 9 kg of flour in a recipe for cake . How many grams of flour did she use ?
.....
- 16 An employee works 480 min dialy . How many hours will the employee work in 7 days ?
.....
- 17 yousef bought 0.65 kg of mango , the price of one kilogram is 100 LE . What is the total amount that he paid ?
.....
- 18 A box containing 725 gm of spices was distributed equally into 10 packages . How many grams in each package ?
.....
- 19 IF the sum of two numbers is 65.324 and one of them is 4.21 find the other one . (write equation)
.....
- 20 when $m = 53.218$ and $e = 64.61$. Estimate the sum of them and then write the actual sum .
.....
- 21 Mr. Mahmoud Elkholy is planning a trip from Mansoura to Cairo . He will travel 143.995 km . Round the distance to the nearest hundredths .
.....
- 22 Mahmoud and Gannah went on a fishing trip to lake Naser . They each caught a huge fish . Mahmoud's fish weighed 42.31 kg and the sum of them is 98.65 kg . What is the weight of Gannah's fish ? (write the equation)
.....
- 23 Add 38.4 and 18.5 then subtract the result from 289.2 last multiply by 100 .
.....
- 24 Divide 93 by 0.3 and then add 114.7 ,last divide the result by 5 .
.....



- 25 subtract 3.1 from 4.62 then multiply the result b 2
.....
- 26 Find LCM and GCF for 18 and 24
.....
- 27 Find the result of :
 - $17.01 \div 0.7 = \dots\dots\dots$
 - $74 \times 63 = \dots\dots\dots$
 - $56.2 \times 4.2 = \dots\dots\dots$
 - $452.2 + 21.456 = \dots\dots\dots$
 - $783.44 - 35.1 = \dots\dots\dots$
- 28 Use ordering of operations to solve $(45.2 - 14) \div 0.1 + 32.2$
.....
- 29 If the perimeter of this shape is 24.32 meters what's the value of x ?
.....
- 30 By using the area model solve :-
 $65 \times 247 = \dots\dots\dots$
- 31 Find the product of 33×56 by using the standard algorithm of multiplication
.....
- 32 Hagar is planning a trip to Alex . She will Travel 236.145 km . Round the distance to the nearest Tenth .
.....
- 33 Find the Quotient of $1,476 \div 12$ by using the standard algorithm of Division .
.....
- 34 Find LCM and GCF for 20 and 12
.....

تم بحمد الله

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم





First term Questions Bank



Question 01

choose the correct answer

- 1 The place value of 8 in the number 85.324 is
 (a) tenths (b) **tens** (c) hundreds (d) ones
- 2 The value of 7 in the number 254.375 is
 (a) 70 (b) **0.07** (c) 0.007 (d) hundredths
- 3 The number of thousandths in 0.23 isthousandths
 (a) 0 (b) **230** (c) 0.23 (d) 2.3
- 4 $1,232 \div 12 = 102 \text{ R } \dots\dots\dots$
 (a) 12 (b) **8** (c) 18 (d) 2
- 5 The only even prime number is
 (a) **2** (b) 0 (c) 3 (d) 10
- 6 The smallest odd prime number is
 (a) 0 (b) 1 (c) 2 (d) **3**
- 7 $h + 5.2 = 9.1$, then $h = \dots\dots\dots$
 (a) 14.3 (b) **3.9** (c) 4.1 (d) 4
- 8 $426.54 - d = 123.5$, then $d = \dots\dots\dots$
 (a) **303.04** (b) 550.04 (c) 303 (d) 550
- 9 $500 \text{ g} = \dots\dots\dots\text{kg}$
 (a) 500,000 (b) 5,000 (c) **0.5** (d) 50
- 10 8.5 Liters =ml
 (a) 85,000 (b) **8,500** (c) 850 (d) 0.85
- 11 $6.4 \text{ L} - 1,200 \text{ ml} = \dots\dots\dots\text{ml}$
 (a) **5,200** (b) 520 (c) 56 (d) 5,600
- 12x 0.01 = 4.12
 (a) 0.0412 (b) **412** (c) 4,120 (d) 4.12
- 13 $42.96 \div 0.1 = \dots\dots\dots$
 (a) **429.6** (b) 4.296 (c) 4296 (d) 0.4296



- 14 $65.7 \times 1,000 = \dots\dots\dots$
 (a) 457,000 (b) 65,700 (c) 657 (d) 0.657
- 15 $13.13 \div 0.13 = \dots\dots\dots$
 (a) 11 (b) 130 (c) 101 (d) 0.1313
- 16 $0.6 \times 0.4 = \dots\dots\dots$
 (a) 24 (b) 0.24 (c) 2.4 (d) 0.2
- 17 30 days =weeks,days
 (a) 4 weeks, 28 days (b) 4 weeks, 8 days
 (c) 4 weeks, 2 days (d) 28 weeks, 2 days
- 18 The divisor in $45 \div 5 = 9$ is
 (a) 9 (b) 5 (c) 5 (d) 15
- 19 The first step in $5.6 \times 2 - 0.75 + 6.2$ is
 (a) 5.6×2 (b) $2 - 0.75$ (c) $11.2 - 0.75$ (d) $0.75 + 6.2$
- 20 In 4, 5.5, 7, 8.5, 10, the rule is
 (a) $n + 1$ (b) $n - 1.5$ (c) $n + 1.5$ (d) $n - 1$
- 21 $45 - 2.1 \times 4.1 + 32 = \dots\dots\dots$
 (a) 68.39 (b) 207.89 (c) 6.839 (d) 20.789
- 22is an expression .
 (a) $45.1 + 3 = 48.1$ (c) $3.2 + 15 = 18.2$
 (b) $2.6 + 6.3 \times 2 - 3.2$ (d) $25.2 - 5 = 20$
- 23 $5 + m - 3.2$. This called
 (a) equation (b) expression (c) multiplication (d) division
- 24 Any number dividing by zero equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 25 The benchmark of 0.85 is
 (a) 0 (b) 1 (c) 0.5 (d) 10
- 26 The number whose prime factors 2, 2, 3 is
 (a) 2 (b) 3 (c) 4 (d) 12
- 27 Add the number 6 to the multiplicative identity . The result is
 (a) 6 (b) 7 (c) 5 (d) 1
- 28 Subtract the multiplicative identity from 6.3 . The result is
 (a) 5.3 (b) 5 (c) 7.3 (d) 7



- 29 $5.6 + m = 10.4$, then $m =$
 (a) $10.4 + 5.6$ (b) 16 (c) $10.4 - 5.6$ (d) 30
- 30 $k - 3.21 = 5$, then $k =$
 (a) $5 - 3.21$ (b) $5 + 3.21$ (c) 2 (d) 1.23
- 31 $450 \div 10 =$
 (a) 45 tens (b) 450 tens (c) 450 (d) 45
- 32 $1,000 \div 100 =$
 (a) 10 (b) 1 (c) 100 (d) 1000
- 33 Any number dividing by 1 equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 34 Any number dividing by itself equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 35 $654 \div \dots = 654$
 (a) 10 (b) 100 (c) 1 (d) 0
- 36 $0 \div 1.45 =$
 (a) 1.45 (b) 0 (c) 1 (d) undefined
- 37 $32.1 \div 0 =$
 (a) 0 (b) 1 (c) 32.1 (d) undefined
- 38 The place value of 7 in the number 254.375 is
 (a) tens (b) thousands (c) thousandths (d) hundredths
- 39 Any number multiplying by one equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 40 $10 = \text{double of}$
 (a) 10 (b) 20 (c) 5 (d) 0
- 41 $100 = \text{half of}$
 (a) 50 (b) 200 (c) 100 (d) 1
- 42 60 is twice
 (a) 30 (b) 60 (c) 120 (d) 10
- 43 There aremillilitres in 2.02 liters
 (a) 202,000 (b) 202 (c) 2020 (d) 2
- 44 There aremeters in 57.357 km
 (a) 57.357 (b) 0.57357 (c) 5,735.7 (d) 57.357
- 45 4 thousandths $\times 3 =$
 (a) 0.012 (b) 12 (c) 12,000 (d) 1.3



- 46 $6 + c = 2.1$ is called
 (a) equation (b) expression (c) multiplication (d) division
- 47 Any number multiplied by zero equal
 (a) 0 (b) 1 (c) itself (d) undefined
- 48 The value of the digit 4 in the number 3.514 is
 (a) 40,000 (b) 400 (c) 0.4 (d) 0.004
- 49 The value of the variable x in the equation $x + 3.5 = 8$ is
 (a) 3.5 (b) 5.4 (c) 4.5 (d) 5.5
- 50 All the following numbers are prime numbers except
 (a) 2 (b) 5 (c) 7 (d) 9
- 51 The numberis the common multiple of all numbers .
 (a) 0 (b) 1 (c) 2 (d) 3
- 52 $18.58 =$ round to the nearest whole number .
 (a) 59 (b) 19 (c) 18 (d) 18.6
- 53 $20 + 0.07 + 0.008 =$
 (a) 20.078 (b) 20.78 (c) 20.708 (d) 20.807
- 54 $(4 \times 85) + (2 \times 85) =$ $\times 85$
 (a) 24 (b) 42 (c) 8 (d) 6
- 55 Five ones , forty seven thousandths =
 (a) 57.4 (b) 5740 (c) 5.47 (d) 5.047
- 56 The numberis one of the multiples of the digit 6 .
 (a) 16 (b) 26 (c) 24 (d) 10
- 57 The prime factors of 12 are
 (a) 2,2,3 (b) 2,3,3 (c) 6,2 (d) 4,3
- 58 The numberis the common factor of all numbers .
 (a) 0 (b) 1 (c) 2 (d) 3
- 59 The value of the variable x in the equation $x - 2.5 = 4$ is
 (a) 1.5 (b) 6.5 (c) 5.6 (d) 5.1
- 60 The composite number in the following numbers is
 (a) 7 (b) 13 (c) 15 (d) 5
- 61 The smallest 2-digit prime number is
 (a) 13 (b) 2 (c) 3 (d) 11
- 62 The smallest 2 different digit prime number is
 (a) 3 (b) 2 (c) 13 (d) 17
- 63 The GCF of 3 and 7 is
 (a) 1 (b) 7 (c) 21 (d) 10



- 64 The LCM of 3 and 7 is
 (a) 1 (b) 7 (c) 21 (d) 10
- 65 The GCF of 5 and 10 is
 (a) 1 (b) 5 (c) 10 (d) 50
- 66 The LCM of 5 and 10 is
 (a) 1 (b) 5 (c) 10 (d) 50
- 67 The GCF of 10 and 11 is
 (a) 1 (b) 10 (c) 11 (d) 110
- 68 The LCM of 10 and 11 is
 (a) 1 (b) 10 (c) 11 (d) 110
- 69 $3.6 \div 0.04 =$
 (a) 0.9 (b) 90 (c) 0.09 (d) 0.009
- 70 8,000 ml =L
 (a) 8 (b) 80 (c) 0.08 (d) 0.008
- 71 $1.7 - 0.85 =$
 (a) 0.65 (b) 0.55 (c) 0.75 (d) 0.85
- 72 12 is a multiple of
 (a) 2 (b) 16 (c) 10 (d) 24
- 73 12 is a factor of
 (a) 2 (b) 16 (c) 10 (d) 24
- 74 $48 \times \dots = 0.048$
 (a) 1000 (b) 0.001 (c) 0.01 (d) 100
- 75 9 thousandths - 8 thousandths = thousandths
 (a) 1 (b) 2 (c) 0.001 (d) 0.01
- 76 9 thousandths - 8 thousandths =
 (a) 1 (b) 2 (c) 0.001 (d) 0.01
- 77 In $13 \div 6 = 2 \text{ R } 1$, the quotient is
 (a) 13 (b) 6 (c) 2 (d) 1
- 78 0.008 km =m
 (a) 8 (b) 800 (c) 8000 (d) 0.8



- 79 $38 \times 52 = (30 \times 50) + (30 \times \dots) + (8 \times \dots) + (8 \times 2)$
 (a) 2.50 (b) 50,20 (c) 30,8 (d) 50,2
- 80 $2.6 + 6.3 \times 2 - 3.2 = \dots$
 (a) 13 (b) 12 (c) 25 (d) 30
- 81 Quotient $\times$ divisor + remainder =
 (a) quotient (b) dividend (c) divisor (d) remainder
- 82 3 hundreds $\times$ 2 hundreds =
 (a) 6 (b) 60 (c) 600 (d) 60,000
- 83 The prime factors of 14 are
 (a) 14 (b) 2,7 (c) 2 (d) 7
- 84 $654 \times 100 = \dots$
 (a) 654 (b) 6450 (c) 65,400 (d) 6.45
- 85 The common multiple of all numbers is
 (a) 0 (b) 1 (c) 2 (d) 5
- 86 63 hundredths $\times$ 5 =
 (a) 3.15 (b) 315 (c) 31.5 (d) 3150
- 87 $\dots \div 0.01 = 0.4$
 (a) 0.004 (b) 0.04 (c) 0.0004 (d) 4000
- 88 In the equation $24 \div 4 = 6$ the remainder is
 (a) 1 (b) 6 (c) 0 (d) 24
- 89 $78 \times \dots = 7.8$
 (a) 100 (b) 10 (c) 0.1 (d) 0.01
- 90 Complete by using the following area model
 $58 \times 42 = (40 \times \dots 50 \dots) + (40 \times 8) + (\dots 2 \dots \times 50) + (2 \times \dots 8 \dots) = \dots$
 (a) 2436 (b) 2453 (c) 2485 (d) 2406
- 91 In $37 \div 6 = 6 \text{ R } 1$, the dividend is
 (a) 6 (b) 37 (c) 1 (d) 36
- 92 18 kg = 18,000 g
 (a) 18,000 (b) 18 (c) 180 (d) 1800
- 93 The number whose prime factors 2, 2, 3, 3 is
 (a) 36 (b) 18 (c) 4 (d) 9
- 94 The sum of $3.127 + 8.65 = \dots$
 (a) 11.777 (b) 11.77 (c) 11.07 (d) 11.007



- 95 The number of factors of 18 is
 (a) 3 (b) 18 (c) 6 (d) 5
- 96 5 thousandths + 73 hundredths = Thousandths
 (a) 83 (b) 76 (c) 735 (d) 0.753
- 97 The additive identity is
 (a) 3 (b) 2 (c) 1 (d) 0
- 98 4 hundredths - 12 thousandths =thousandths
 (a) 0.052 (b) 0.52 (c) 520 (d) 52
- 99 The value of 4 in the number 85.324 is
 (a) 4 (b) 0.04 (c) 0.004 (d) 400
- 100 $4 \times 43 = (4 \times 3) + (4 \times \dots)$
 (a) 4 (b) 43 (c) 40 (d) 413
- 101 $21.6 \div 2 = \dots$
 (a) 10 (b) 10.8 (c) 21.6 (d) 10.08
- 102 $2.321 \times 0.001 = \dots 2,321 \dots$
 (a) 0.2321 (b) 2,321 (c) 2.321 (d) 23210
- 103 $0.4 \times 0.3 = \dots$
 (a) 0.12 (b) 0.012 (c) 12 (d) 120
- 104 $6.2 - m = 3$, then $m = \dots$
 (a) 2.8 (b) 6.2 (c) 3.2 (d) 3
- 105 25 hasfactors
 (a) 1 (b) 2 (c) 25 (d) 3
- 106are the factors of 25
 (a) 25 (b) 15 (c) 1,5,25 (d) 20
- 107 The place value of 4 in the number 85.324 is
 (a) ones (b) tenths (c) Thousandths (d) Hundredths
- 108 $1,000 \text{ g} = \dots 1 \dots \text{kg}$
 (a) 0.1 (b) 100 (c) 2 (d) 1
- 109 The multiplicative identity is
 (a) 2 (b) 1 (c) 0.1 (d) 0.01
- 110 The product of $13.5 \times 2.2 = \dots$
 (a) 2970 (b) 297 (c) 29.7 (d) 0.297



- 111 11 hasfactors
 (a) 11 (b) 3 (c) 2 (d) 121
- 112 The remainder must be less than thedivisor.....
 (a) quation (b) reminder (c) dividended (d) divisor
- 113 The factors of 18 are 1,2,3,6,9,18.....
 (a) 2,9 (b) 1,2,9,18 (c) 1,2,3,6,9,18 (d) 18
- 114 $11.11 \div 11 = \dots\dots\dots$
 (a) 101 (b) 1.01 (c) 0.1 (d) 100
- 115 complete the area model and find the answer
 $(40 \times 40) + (40 \times 8) + (9 \times 40) + (9 \times 8) = \dots\dots\dots$
 (a) 22.42 (b) 2,242 (c) 2.242 (d) 224.2
- 116 $1,000 \times \dots\dots 0.0521 \dots\dots = 52.1$
 (a) 0.0521 (b) 521 (c) 0.521 (d) 5210
- 117 $0.2546 \times 1,000 = \dots\dots 254.6 \dots\dots$
 (a) 2.546 (b) 2546 (c) 254.6 (d) 25.46
- 118 $3,000 \div 100 = \dots\dots\dots$
 (a) 0.03 (b) 0.3 (c) 300 (d) 30
- 119 $0.2 \times 31.2 = \dots\dots 6.24 \dots\dots$
 (a) 62.4 (b) 624 (c) 6.24 (d) 6240
- 120 Twenty two and twenty two hundredths is
 (a) 20.22 (b) 22.22 (c) 2222 (d) 2.222
- 121 $3.7 \div 0.1 = \dots\dots\dots$
 (a) 0.37 (b) 370 (c) 37 (d) 370
- 122 $632.2 \times \dots\dots\dots = 6.322$
 (a) 0.01 (b) 0.1 (c) 100 (d) 0.001
- 123 $0.23 \times 6 = \dots\dots\dots$
 (a) 1.33 (b) 133 (c) 0.0133 (d) 0.33
- 124 $54 \times 0.001 = \dots\dots 0.054 \dots\dots$
 (a) 540 (b) 0.054 (c) 0.54 (d) 0.0054
- 125 The product of 899×11 is closer to the product of.....
 (a) 900 (b) 80×10 (c) 90 (d) 900×10
- 126 The quotient in $480 \div 48 = 10$ is
 (a) 480 (b) 10 (c) 48 (d) 4.8
- 127 $(300 + 60 + 1) \times 5 = \dots\dots\dots \times 5$
 (a) 36.1 (b) 3.61 (c) 361 (d) 3610



- 128 The quotient of $6.66 \div 6 = \dots\dots 1.11\dots\dots$
 (a) 1110 (b) 11.1 (c) 111 (d) 1.11
- 129 The GCF of 8 and 12 is
 (a) 8 (b) 12 (c) 4 (d) 96
- 130 4 hundredths - 12 thousandths =
 (a) 520 (b) 0.52 (c) 52 (d) 0.052
- 131 There aremilliliters in 14 liters
 (a) 140 (b) 1.4 (c) 14,000 (d) 14
- 132 $53.21 \div 1 = \dots\dots\dots$
 (a) 53210 (b) 532.1 (c) 5321 (d) 53.21
- 133 $8.2 - 2.6 = \dots\dots\dots$
 (a) 5.6 (b) 56 (c) 560 (d) 0.56
- 134 Is not composite nor prime .
 (a) 1 (b) 0 (c) 2 (d) 3
- 135 The number of hundredths in 0.23 ishundredths
 (a) 24 (b) 20 (c) 23 (d) 0.23
- 136 Add the number 6 to the additive identity . The result is
 (a) 3 (b) 2 (c) 6 (d) 5
- 137 Prime numbers hasfactors
 (a) 3 (b) 1 (c) 2 (d) 0
- 138 The prime factors of 18 are
 (a) 2,2,2,3 (b) 2,9 (c) 4,9 (d) 2,4,3
- 139 The first operation in $45 - 2.1 \times 4.1 + 32$ is
 (a) 2.1×4.1 (b) $4.1 + 32$ (c) $2.1 - 45$ (d) $45 - 2.1$
- 140 $0.0045 \times \dots\dots\dots = 45$
 (a) 1000 (b) 10,000 (c) 10 (d) 0.10
- 141 $5.6 \times 2 - 0.75 + 6.2 = \dots\dots\dots$
 (a) 10.65 (b) 1065 (c) 1.65 (d) 1.065
- 142 $0.32 \times 12 = \dots\dots\dots$
 (a) 0.0384 (b) 3.84 (c) 0.384 (d) 384
- 143 $\times 0.01 = 98.47$
 (a) 9.847 (b) 9,847 (c) 984.7 (d) 98470
- 144 $6.2 \times 0.001 = \dots\dots\dots$
 (a) 6.2 (b) 0.0062 (c) 62000 (d) 6200



Question 03

Answer the following questions

- 1 Eyad has 6.72 m of wire . If he decided to cut it into 16 pieces . What is the length of each pieces ?
 $6.72 \div 16 = 0.42 \text{ m}$
- 2 Sandy drink 5.24 liters of juice weekly . If the cost of 1 liter of juice is 16.2 LE . Find what sandy pays ?
 $5.24 \times 16.2 = 84.888 \text{ LE}$
- 3 Hana was 10 years old , her sister Yara was half her age . How old will Yara be when Hana is 12 years old ?
 $10 \div 2 + 2 = 7 \text{ years}$
- 4 Retal bought 4 books for 20 pounds each and bought 6 pens for 65 pounds . If she had 300 pounds . How much money are left ? Write the equation .
 $300 - (4 \times 20 + 65) = 155 \text{ pounds}$
- 5 Omar had 5000 pounds. If he bought 6 toys 23 pounds each and bought a mobile for 3200 pounds . How much money are left with omar ? Write the equation .
 $5,000 - (6 \times 23 + 3200) = 1,662 \text{ pounds}$
- 6 Find the product of 24.32×6.2
 150.784
- 7 Find the result of $300.53 - 11.04 \times 0.2 \div 0.01 + 13.07$
 $= 300.53 - 2.208 \div 0.01 + 13.07$
 $= 300.53 - 220.8 + 13.07 = 79.73 + 13.07 = 92.8$
- 8 write 96.123 in expanded form .
 $90 + 6 + 0.1 + 0.02 + 0.003$
- 9 write 96.123 in word form .
ninety six and one hundred twenty three thousandths
- 10 Decompose 96.123
 $(9 \times 10) + (6 \times 1) + (1 \times 0.1) + (2 \times 0.01) + (3 \times 0.001)$
- 11 Walaa bought 9 pens of the same type . If the price of one pen is 4.5 pounds . How much money will she pay ?
 $9 \times 4.5 = 40.5 \text{ pounds}$
- 12 A teacher wants to distribute 280 prizes to 7 classes equally . How many prizes per each class ?
 $280 \div 7 = 40 \text{ prizes}$



- 13 Decompose the number 80.507 using expanded form .
 $80 + 0.5 + 0.007$
- 14 Adam bought a laptop for 7,250 pounds and a mobile for 4,750 pounds . If he had 15,000 pounds . How much money are left with him ?
 $15,000 - (4,750 + 7,250) = 3,000 \text{ pounds}$
- 15 Aliaa used 9 kg of flour in a recipe for cake . How many grams of flour did she use ?
 $9 \text{ kg} = 9 \times 1,000 = 9,000 \text{ grams}$
- 16 An employee works 480 min dialy . How many hours will the employee work in 7 days ?
 $480 \div 60 = 8 \text{ hours} \quad - 8 \times 7 = 56 \text{ hours}$
- 17 yousef bought 0.65 kg of mango , the price of one kilogram is 100 LE . What is the total amount that he paid ?
 $0.65 \times 100 = 65 \text{ LE}$
- 18 A box containing 725 gm of spices was distributed equally into 10 packages . How many grams in each package ?
 $725 \div 10 = 72.5 \text{ gm}$
- 19 IF the sum of two numbers is 65.324 and one of them is 4.21 find the other one . (write equation)
 $x + 4.21 = 65.324 \quad \text{/////} \quad x = 65.324 - 4.21 \quad \text{/////} \quad x = 61.114$
- 20 when $m = 53.218$ and $e = 64.61$. Estimate the sum of them and then write the actual sum .
 $\text{the estimate} = 53 + 65 = 118 \quad \text{////////} \quad \text{the actual sum} = 53.218 + 64.61 = 117.828$
- 21 Mr. Mahmoud Elkholy is planning a trip from Mansoura to Cairo . He will travel 143.995 km . Round the distance to the nearest hundredths .
 $143.995 = 114 \text{ km}$
- 22 Mahmoud and Gannah went on a fishing trip to lake Naser . They each caught a huge fish . Mahmoud's fish weighed 42.31 kg and the sum of them is 98.65 kg . What is the weight of Gannah's fish ? (write the equation)
 $42.31 + e = 98.65 \quad \text{/////} \quad e = 98.65 - 42.31 \quad \text{/////} \quad e = 56.34 \text{ kg}$
- 23 Add 38.4 and 18.5 then subtract the result from 289.2 last multiply by 100 .
 $(289.2 - (38.4 + 18.5)) \times 100$
 $= (289.2 - 56.9) \times 100$
 $= 232.3 \times 100 = 23,230$



- 24 Divide 93 by 0.3 and then add 114.7 ,last divide the result by 5 .

$$= (93 \div 0.3 + 114.7) \div 5$$

$$= (310 + 114.7) \div 5$$

$$= 424.7 \div 5 = 84.94$$

- 25 subtract 3.1 from 4.62 then multiply the result b 2

$$(4.62 - 3.1) \times 2$$

$$1.52 \times 2 = 3.04$$

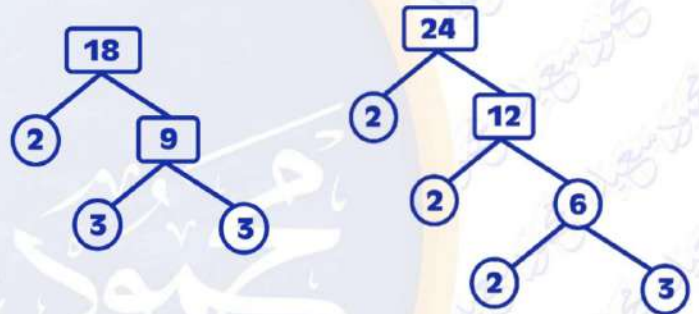
- 26 Find LCM and GCF for 18 and 24

$$18 = 2 \times 3 \times 3$$

$$24 = 2 \times 3 \times 2 \times 2$$

$$\text{LCM} = 2 \times 3 \times 3 \times 2 \times 2 = 72$$

$$\text{GCF} = 2 \times 3 = 6$$



- 27 Find the result of :

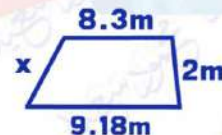
- $17.01 \div 0.7 = \dots\dots\dots 24.3 \dots\dots$
- $74 \times 63 = \dots\dots\dots 4,662 \dots\dots$
- $56.2 \times 4.2 = \dots\dots\dots 236.04 \dots\dots$
- $452.2 + 21.456 = \dots\dots\dots 473.656 \dots\dots$
- $783.44 - 35.1 = \dots\dots\dots 748.34 \dots\dots$

- 28 Use ordering of operations to solve $(45.2 - 14) \div 0.1 + 32.2$

$$344.2$$

- 29 If the perimeter of this shape is 24.32 meters what's the value of x ?

$$x = 24.32 - (9.18 + 8.3 + 2) = 4.84 \text{ m}$$



- 30 By using the area model solve :-

$$65 \times 247 = \dots\dots\dots 16055 \dots\dots\dots$$

	200	40	7
60	12000	2400	420
5	1000	200	35

- 31 Find the product of 33×56 by using the standard algorithm of multiplication

$$33 \times 56 = 1,848$$



- 32 Hagar is planning a trip to Alex . She will Travel 236.145 km . Round the distance to the nearest Tenth .

236.1

- 33 Find the Quotient of $1,476 \div 12$ by using the standard algorithm of Division .

123

- 34 Find LCM and GCF for 20 and 12

LCM is 60

, GCF is 4

تم بحمد الله

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم



حمل الآن

مجاناً وحصرياً

المراجعة رقم (4)

الترم الاول



Unit 1

Choose the correct answer

- 1 The value of the digit 5 in the number 3.514 is _____.
A. 50,000 B. 500 C. 0.5 D. 0.005
- 2 The value of the digit 7 in the number 5.167 is _____.
A. 0.7 B. 0.07 C. 700 D. 0.007
- 3 The value of the digit 8 in the decimal number 734.28 is _____.
A. 0.08 B. 0.8 C. 8 D. 0.008
- 4 The value of the digit 4 in the number 98.764 is _____.
A. $\frac{4}{10}$ B. $\frac{4}{1,000}$ C. 0.04 D. 4,000
- 5 The value of 5 in the number 3.256 is _____.
A. $\frac{5}{10}$ B. $\frac{5}{100}$ C. $\frac{5}{1,000}$ D. 0.5
- 6 The value of the digit 0 in the number 51.203 is _____.
A. Hundredths B. Tenths C. Thousandths D. 0
- 7 The place value of the digit 6 in the number 4.65 is _____.
A. Hundredths B. Tenths C. Thousandths D. Hundreds
- 8 The place value of 5 in the number 3.015 is _____.
A. 0.005 B. Thousand C. Hundredth D. Thousandths
- 9 In the number 161.527, which digit in the Hundredths place?
A. 1 B. 2 C. 6 D. 7
- 10 In the number 1,425.367, which digit is in the Thousandths place?
A. 1 B. 7 C. 4 D. 6

Unit 1

Choose the correct answer

11. The place value of the underline digit 0.734 is _____
 A. Tenths B. Zero C. Hundredths D. Ones
12. $0.300 =$ _____
 A. 30 Tenths B. Three hundred
 C. Three tenths D. Thirty thousandths
13. Which of the following doesn't equal four hundred thousandths?
 A. 0.004 B. 0.40 C. 0.4 D. 0.400
14. 2 tenths , 5 hundredths = _____
 A. 0.205 B. 0.25 C. 0.025 D. 0.52
15. Which number of the following has 3 hundredths , 7 ones , 2 thousandths?
 A. 0.732 B. 3.72 C. 7.032 D. 3.702
16. 5 hundred and 5 hundredths = _____
 A. 500.05 B. 50.05 C. 500.500 D. 5.5
17. The number four and forty-one hundredths in standard form is _____
 A. 4.41 B. 4.041 C. 410.4 D. 4.401
18. Five tens and forty-seven hundredths = _____
 A. 5.47 B. 5.047 C. 50.47 D. 50.047
19. Sixty-four and sixty-four thousandths = _____
 A. 46.064 B. 64.064 C. 64.64 D. 46.46
20. $5 + 10 + 0.6 + 0.07 + 0.009 =$ _____
 A. 976.15 B. 15.679 C. 15.976 D. 51.679

Unit 1

Choose the correct answer

- 21 What is the standard form for : $60 + 3 + 0.5 + 0.04$?
 A. 63.54 B. 63.054 C. 63.504 D. 6.354
- 22 $50 + 3 + 0.08 =$ _____
 A. 53.8 B. 35.08 C. 53.80 D. 53.08
- 23 $20 + 0.9 + 0.004 =$ _____
 A. 20.094 B. 20.94 C. 2.904 D. 20.904
- 24 $30 + 0.04 + 0.005 =$ _____
 A. 30.045 B. 30.45 C. 30.405 D. 30.504
- 25 $900 + 90 + 9 + 0.9 =$ _____
 A. 9.999 B. 99.99 C. 999.9 D. 9,999
- 26 $4.208 =$ _____ $+ 0.2 + 0.008$
 A. 4 B. 40 C. 0.4 D. 400
- 27 $174.602 = 174 +$ _____
 A. 6.02 B. 0.602 C. 602 D. 60.2
- 28 _____ $+ 534 + 0.17 = 17,534.17$
 A. 17 B. 170 C. 1,700 D. 17,000
- 29 71 tenths = _____
 A. 0.71 B. 7.1 C. 71 D. 710
- 30 3,264 thousandths = _____
 A. 3.264 B. 32.64 C. 326.4 D. 0.3264

Unit 1

Choose the correct answer

31. $\frac{469}{1,000} = \underline{\hspace{2cm}}$
 A. 4.96 B. 0.469 C. 459 D. 4.69
32. Which of the following is NOT equivalent to 42.187?
 A. $40 + 2 + 0.1 + 0.87$
 B. $40 + 2 + 0.1 + 0.08 + 0.007$
 C. $42 + 0.187$
 D. $40 + 2 + 0.187$
33. 4 Thousandths + 3 Thousandths = $\underline{\hspace{2cm}}$ Thousandths.
 A. 70 B. 7 C. 43 D. 7.7
34. 3 Hundredths + 5 Tenth[s] = $\underline{\hspace{2cm}}$ Hundredths
 A. 8 B. 35 C. 53 D. 3
35. 71 Hundredths + 9 Hundredths = $\underline{\hspace{2cm}}$ Tenth[s].
 A. 88 B. 80 C. 800 D. 8
36. 35 Hundredths – 2 Tenth[s] = $\underline{\hspace{2cm}}$ Hundredths.
 A. 15 B. 55 C. 12 D. 32
37. 7 Tenth[s] – 63 Hundredths = $\underline{\hspace{2cm}}$ Hundredths.
 A. 70 B. 7 C. 700 D. 7,000
38. 7 Tenth[s] – 7 Thousandths = $\underline{\hspace{2cm}}$
 A. 0.693 B. 0.63 C. 6.3 D. zero
39. 5 Hundredths – 24 Thousandths = $\underline{\hspace{2cm}}$ Thousandth[s].
 A. 26 B. 82 C. 24 D. 42

Unit 1

Choose the correct answer

- 40 $45 + 0.5 =$ _____
A. 45.05 B. 45.5 C. 4.55 D. 0.455
- 41 $4.8 + 0.8 =$ _____
A. 4.88 B. 4.6 C. 5.6 D. 4.16
- 42 $2,892.5 + 5,137.05 =$ _____
A. 8,029.55 B. 8,029.5 C. 8.03 D. 8.029
- 43 $3.6 + 5.411 =$ _____
A. 5.417 B. 8.1011 C. 8.417 D. 9.011
- 44 $2.3 - 0.3 =$ _____
A. 2 B. 20 C. 2.33 D. 23
- 45 $61.3 - 24.7 =$ _____
A. 67.5 B. 34.4 C. 807 D. 36.6
- 46 $99.9 - 9.99 =$ _____
A. 90.09 B. 90.9 C. 89.19 D. 89.91
- 47 $9 - 4.653 =$ _____
A. 5.347 B. 4.347 C. 3.347 D. 5.653
- 48 $13.58 +$ _____ $= 17.27$
A. 3.69 B. 4.31 C. 30.85 D. 30.69
- 49 $9 \times$ _____ $= 900$
A. 0.01 B. 10 C. 1,000 D. 100

Unit 1

Choose the correct answer

- 50 5,000 not equals _____
 A. $5 \times 1,000$ B. 50×100 C. 500×10 D. 500×100
- 51 If multiply decimal number by 10, then decimal point will move to _____
 A. left B. right C. not move
- 52 $42.18 \times 10 =$ _____
 A. 4.218 B. 421.8 C. 42.18 D. 4,218
- 53 $36.124 \times 100 =$ _____
 A. 36.124 B. 361.24 C. 3,612.4 D. 36,124
- 54 $0.94 \times 100 =$ _____
 A. 94 B. 9.4 C. 940 D. 0.094
- 55 $0.18 \times 1,000 =$ _____
 A. 1.8 B. 18 C. 180 D. 1,800
- 56 $0.067 \times 1,000 =$ _____
 A. 6.7 B. 67 C. 0.067 D. 670
- 57 $4.7 \times 1,000 =$ _____
 A. 47 B. 470 C. 4,700 D. 0.47
- 58 $2.13 \times \text{_____} = 2,130$
 A. 10 B. 100 C. 1,000 D. 10,000

Unit 1

Choose the correct answer

- 59 $7.6 = \text{---} \times 0.076$
 A. 10 B. 100 C. 1,000 D. 1
- 60 $6.5 \times \text{---} = 6,500$
 A. 1 B. 10 C. 100 D. 1,000
- 61 $9.58 \times \text{---} = 958$
 A. 1 B. 10 C. 100 D. 1,000
- 62 $100 \times \text{---} = 7.7$
 A. 0.77 B. 77 C. 770 D. 0.077
- 63 $65.2 \div 10 = \text{---}$
 A. 0.652 B. 65.2 C. 6.52 D. 652
- 64 $5.7 \div 100 = \text{---}$
 A. 5.7 B. 0.57 C. 0.057 D. 570
- 65 $253 \div 1,000 = \text{---}$
 A. 2.53 B. 0.235 C. 0.253 D. 2,530
- 66 $5.31 \div 10 = \text{---}$
 A. 500 + 30 + 1 B. 531 Thousandths
 C. 531 Hundredths D. 531 Tenths
- 67 $23.4 \div \text{---} = 2.34$
 A. 10 B. 100 C. 1,000 D. 10,000
- 68 $2.51 \div \text{---} = 0.0251$
 A. 100 B. 0.001 C. 0.01 D. 0.1

Unit 1

Choose the correct answer

69. _____ $\div 10 = 0.3$
 A. 30 B. 3 C. 300 D. 13
70. $2.4 >$ _____
 A. 2.40 B. 4.2 C. 1.95 D. 3.5
71. $3.72 - 0.05$ _____ 2.67
 A. $>$ B. $<$ C. $=$ D. otherwise
72. $3.2 + 4.05$ ☐ $7.05 + \frac{1}{2}$
 A. $<$ B. $=$ C. $>$
73. $9.32 + 7.68$ _____ $20.4 - 3.2$
 A. $>$ B. $<$ C. $=$ D. $\leq$
74. $3.41 + 2.59$ ☐ $3.41 - 2.59$
 A. $<$ B. $=$ C. $>$
75. 2.14×10 ☐ $214 \div 10$
 A. $<$ B. $=$ C. $>$
76. Which of the following is true?
 A. $0.532 > 0.537$ B. $0.1 + 3 < 1.3$ C. $1.099 > 1.1$ D. $\frac{18}{10} = 1.8$
77. Which of the following is NOT true?
 A. $14.14 > 14.014$ B. $\frac{143}{100} = 1.43$ C. $2.051 > 2.501$ D. $2.005 < 5.002$

Unit 1

Choose the correct answer

- 78 All the following are equal except
A. 0.300 B. 0.3 C. 0.003 D. 0.30
- 79 The benchmark of 0.85 is _____
A. 0.5 B. 1 C. 0 D. 85
- 80 $45.9 - 20.76$ estimate to _____
A. 18 B. 25 C. 31 D. 35
- 81 $19.59 \approx$ _____ [to the nearest whole number].
A. 19 B. 20 C. 19.5 D. 19.6
- 82 $999.9 \approx$ _____ [to the nearest whole number]
A. 990 B. 999 C. 1,000 D. 900
- 83 Rounding 24.3 to the nearest whole number is _____
A. 23 B. 24 C. 243 D. 25
- 84 $56.284 \approx$ _____ [to the nearest Hundredths].
A. 56.29 B. 56.28 C. 65.82 D. 65.28
- 85 $7.86 \approx$ _____ [to the nearest Tenth].
A. 7.9 B. 7 C. 8 D. 8.9
- 86 $42.15 \approx$ _____ to the nearest one decimal place.
A. 42.1 B. 42 C. 42.2 D. 42.05

Unit 1

Choose the correct answer

- 87 $3.649 \approx$ _____ [to the nearest 2 decimal places]
 A. 3.74 B. 3.65 C. 3.54 D. 4.6
- 88 $5.971 \approx$ _____ [to the nearest Tenths]
 A. 5.97 B. 5.10 C. 5.9 D. 6
- 89 $39.999 \approx$ _____ [to the nearest Hundredth]
 A. 39 B. 40 C. 39.9 D. 39.99
- 90 $2\frac{7}{1,000} \approx$ _____ [to the nearest Hundredth]
 A. 2 B. 2.1 C. 2.01 D. 2.007
- 91 $15.6 + 3.125 \approx$ _____ [to the nearest tenths]
 A. 18.7 B. 18.8 C. 18.725 D. 18.73
- 92 $9.734 \times 10 \approx$ _____ [to the nearest Tenths]
 A. 97.34 B. 97.4 C. 10 D. 97.3
- 93 Rounding the number 175,329.275 to the nearest Hundred Thousands is _____
 A. 100,000.275 B. 200,000 C. 275,329 D. 100,000
- 94 $49.386 \approx 49.4$ [to the nearest _____]
 A. Ones B. Tenth C. Hundredth D. Thousandth
- 95 $82.497 \approx 82.50$ [to the nearest _____]
 A. whole number B. Tenth C. Hundredth D. Thousandth

Unit 1

Choose the correct answer

96 $3.8 \square 9 \approx 3.85$ [to the nearest Hundredths]

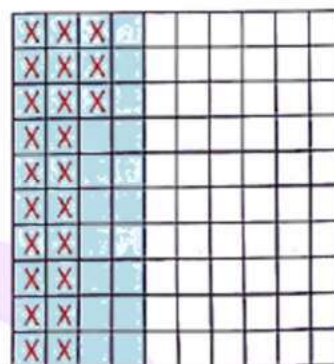
A. 3

B. 4

C. 5

D. 6

97 Which of the following expressions represents the model ?

A. $0.23 - 0.04$ B. $0.4 - 0.23$ C. $0.04 - 0.023$ D. $40 - 23$ 

Complete the following

- 1 In 342.18 , the digit 8 is in the _____ place and its value is _____
- 2 The value of the digit 6 in the number 36.059 is _____
- 3 In 57.246 , the digit 6 represents _____
- 4 3.17 read as three and seventeen _____
- 5 The fraction which represents 0.81 is _____
- 6 16 Thousands and 16 Thousandths = _____

Unit 1

Complete the following

- 7 Fourteen and three hundred two thousandths = _____
- 8 Seventy-nine thousandths = _____
- 9 8 tens , 4 ones , 3 tenths , 6 hundredths , 9 thousandths = _____
- 10 4 hundreds , 7 hundredths , 8 thousandths = _____
- 11 Three million , seventeen and eighty-one thousandths = _____
- 12 $30 + 3,000 + 0.3 =$ _____
- 13 $2 + 0.9 + \frac{8}{100} + \frac{2}{1,000} =$ _____
- 14 $0.003 + 0.2 + 0.01 + 91,000 =$ _____
- 15 $6,000 + 70,000 + 0.2 + 4 + 0.09 + 0.005 =$ _____
- 16 Seventy and eight thousandths = _____ + _____
- 17 Sixteen and seven tenths = _____ + _____ + _____
- 18 57 thousandths = $0.007 +$ _____
- 19 15.7 tenths = $1 +$ _____ + 0.07
- 20 1,482 hundredths = $14 +$ _____
- 21 5 tenths = _____ hundredths.
- 22 7 tenths = _____ thousandths

Unit 1

Complete the following

- 23) 2 hundredths = _____ thousandths
- 24) 8 Thousandths + 65 Hundredths = _____ Thousandths.
- 25) 73 Hundredths + 5 Thousandths = _____ Thousandths.
- 26) 50 Thousandths + 3 Hundredths = _____ Hundredths
- 27) 376 Thousandths + 524 Thousandths = _____ Tenths.
- 28) 5 Hundredths – 24 Thousandths = _____ Thousandths.
- 29) 2 Hundredths – 2 Thousandths = _____
- 30) 21 Hundredths + 5.4 = _____
- 31) $0.4 + 0.24 =$ _____
- 32) $12.179 + 11\frac{1}{4} =$ _____
- 33) $52.236 - 2.35 =$ _____
- 34) $100 - 47.85 =$ _____
- 35) $5.27 + 8.39 - 3\frac{14}{100} =$ _____

Unit 1

Complete the following

36 $85.47 + \text{————} = 100$

37 $9.3 - \text{————} = 8.254$

38 $\text{————} + 54.8 = 77.59$

39 $\text{————} - 3\frac{3}{5} = 7.634$

40 $214.024 - 113.78$ estimate ————

41 $0.951 - 0.729$ estimate ————

42 $9.47 \times 1,000 = \text{————}$

43 $78.65 \times 10 = \text{————}$

44 $1,000 \times \text{————} = 60,000$

45 $65 \times \text{————} = 6,500$

46 $4.321 \times \text{————} = 432.1$

47 $\text{————} \times 100 = 86.2$

48 $426.3 \div 10 = \text{————}$

49 $169.4 \div 100 = \text{————}$

50 $129 \div 100 = \text{————}$

51 $3,786 \div \text{————} = 3.786$

52 $1.248 \approx \text{————}$ [to the nearest Tenths]

53 $3.416 \approx \text{————}$ [to the nearest Hundredths]

54 $0.0257 \approx \text{————}$ [to the nearest Thousandths]

55 $36.365 \approx 36.4$ [to the nearest ————]

Unit 1

Answer the following

1 Compare the numbers using "> , < or =".

$$5.65 \bigcirc 56.5$$

$$75.36 \bigcirc 75.360$$

$$12.500 \bigcirc 12.050$$

$$17.400 \bigcirc 17.4$$

$$2.007 \bigcirc 7\frac{2}{1,000}$$

$$1.002 \bigcirc \frac{1,002}{1,000}$$

$$7 \text{ tenths} \bigcirc 0.699$$

$$3 \text{ thousandths} \bigcirc \frac{30}{100}$$

$$\text{Fifteen thousandths} \bigcirc 0.01 + 0.005$$

$$15 \text{ Hundred} \bigcirc 15 \text{ Hundredths}$$

$$3\frac{4}{1,000} \bigcirc 3 \text{ ones, } 4 \text{ hundredths}$$

$$2 \text{ ones, } 2 \text{ hundredths} \bigcirc 2.2$$

$$4 + 0.4 + 0.01 + 0.003 \bigcirc 4.413$$

2 Order from greatest to smallest. 80.21 , 8.102 , 80.012 , 8.012 , 80.09

3 Order from least to greatest. 1.401 , 1.055 , 1.3 , 1.28

Unit 1

Answer the following

- 4 Write the greatest decimal less than one which consists of 6 , 4 , 3 and 5 , then round it to the nearest Tenths and Thousandths.
- 5 Write three decimals , if we round each of them to the nearest Hundredths becomes 15.36
- 6 Ola saved 17.25 pounds, and her brother saved 8.5 pounds. Find the sum they saved.
- 7 Eslam has 29.75 L.E. and Sameh has $15\frac{1}{2}$ L.E. How much money they have together ?
- 8 Ahmed catches a fish its length is 22.5 cm and Assem catches a fish its length is 13.2 cm. Find the difference between the lengths of the two fish.
- 9 Mona had 95.5 L.E. She spent 33.75 L.E. Find the remainder with her.
- 10 Mazen had 35 L.E. He bought a ball for 9.75 L.E. and a book for 8.4 L.E. How much money was left with Mazen ?

The Answers

Choose the correct answer:

- | | | | | |
|--------|-------|--------|---------|-------|
| 1. C | 2. D | 3. A | 4. B | 5. B |
| 6. D | 7. B | 8. D | 9. B | 10. B |
| 11. D | 12. C | 13. A | 14. B | 15. C |
| 16. A | 17. A | 18. C | 19. B | 20. B |
| 21. A | 22. D | 23. D | 24. A | 25. C |
| 26. A | 27. B | 28. D | 29. B | 30. A |
| 31. B | 32. A | 33. B | 34. C | 35. D |
| 36. A | 37. B | 38. A | 39. A | 40. B |
| 41. C | 42. A | 43. D | 44. A | 45. D |
| 46. D | 47. B | 48. A | 49. D | 50. D |
| 51. B | 52. B | 53. C | 54. A | 55. C |
| 56. B | 57. C | 58. C | 59. 100 | 60. D |
| 61. C | 62. D | 63. C | 64. C | 65. C |
| 66. B | 67. A | 68. A | 69. 3 | 70. C |
| 71. A | 72. A | 73. B | 74. C | 75. B |
| 76. D | 77. C | 78. C | 79. 1 | 80. B |
| 81. 20 | 82. C | 83. 24 | 84. B | 85. A |
| 86. C | 87. B | 88. D | 89. B | 90. C |
| 91. A | 92. D | 93. B | 94. B | 95. C |
| 96. B | 97. B | | | |

The Answers

Complete the following:

- | | | | |
|---|-----------------------|------------------|-----------|
| 1) hundredths , 0.08 | 2) 6 | 3) 6 thousandths | |
| 4) hundredths | 5) $\frac{81}{100}$ | 6) 16,000.016 | |
| 7) 14.302 | 8) 0.079 | 9) 84.369 | |
| 10) 400.078 | 11) 3,000,017.081 | 12) 3030.3 | |
| 13) 2.982 | 14) 91,000.213 | 15) 76,004.295 | |
| 16) $70 + 0.008$ | 17) $10 + 6 + 0.7$ | 18) 0.05 | |
| 19) 15.7 tenths = 1.57 = 1 + 0.5 + 0.07 | | | |
| 20) 0.82 | 21) 50 | 22) 700 | |
| 23) 20 | 24) 658 | 25) 735 | |
| 26) 8 | 27) 9 | 28) 26 | |
| 29) 0.018 | 30) 5.61 | 31) 0.64 | |
| 32) $12.179 + 11.25 = 23.429$ | | 33) 49.886 | |
| 34) 52.15 | 35) 10.52 | 36) 14.53 | |
| 37) 1.046 | 38) 22.79 | 39) 11.234 | |
| 40) $214 - 114 = 100$ | 41) $1.0 - 0.7 = 0.3$ | | |
| 42) 9470 | 43) 786.5 | 44) 60 | 45) 100 |
| 46) 100 | 47) 0.862 | 48) 42.63 | 49) 1.694 |
| 50) 1.29 | 51) 1000 | 52) 1.2 | 53) 3.42 |
| 54) 0.026 | 55) tenths | | |

The Answers

Answer the following:

- 1) $5.65 < 56.5$ $75.36 = 75.360$
 $12.500 > 12.050$ $17.400 = 17.4$
 $2.007 < 7\frac{2}{1,000}$ $1.002 = \frac{1,002}{1,000}$
 7 tenths > 0.699 3 thousandths $< \frac{30}{100}$
 Fifteen thousandths $= 0.01 + 0.005$
 15 Hundred > 15 Hundredths
 $3\frac{4}{1,000} < 3$ ones , 4 hundredths
 2 ones , 2 hundredths < 2.2
 $4 + 0.4 + 0.01 + 0.003 = 4.413$

2) 80.21 , 80.09 , 80.012 , 8.102 , 8.012

3) 1.055 , 1.28 , 1.3 , 1.401

4) 0.6543 to the nearest tenths = 0.7

0.6543 to the nearest thousandths = 0.654

5) 15.361 , 15.362 , 15.363 , 15.364 , 15.355

6) $17.25 + 8.5 = 25.75$ pounds

7) $29.75 + 15.5 = 45.25$ L.E.

8) $22.5 - 13.2 = 9.3$ cm

9) $95.5 - 33.75 = 61.75$

10) $9.75 + 8.4 = 18.15$

$35 - 18.15 = 16.85$ L.E.

Unit 2

Choose the correct answer

- 1 $x + 2.45 - 1.7$ is called _____.
A. equation. B. value. C. expression. D. neither.
- 2 Which of the following represents the equation ?
A. $4.8 + 2.5$ B. $x - 3.14 = 5$ C. $y + 4.8$ D. $9 - b$
- 3 Which of the following represents an expression ?
A. $3.1 + x = 7$ B. $2 + 5 = 7$ C. $3.6 - y = 1.4$ D. $m + 31$
- 4 Which of the following is an equation ?
A. $50 + b$ B. $50 + b = 75$
C. $3.5 + k$ D. Mai saved 30 L.E. per day
- 5 Which of the following is an expression ?
A. $2.36 + X = 14.78$ B. Sara saved 20 L.E per day
C. $13.15 + 2.8 - X$ D. $1.75 + 1.25 = 2.1 + 0.9$
- 6 Which of the following is not an expression ?
A. $x + 0.8 - 1.6$ B. $3.25 + x + 5.55$ C. $3.6 - x = 1.54$ D. $2.36 + 1.5 - x$
- 7 Ayman wants to write an equation represents "Adding a number to 7.5 to get the result 9.8", then the equation is _____.
A. $7.5 + 9.8 = x$ B. $9.8 + x = 7.5$ C. $7.5 + x = 9.8$ D. $75 + x = 98$
- 8 Nagi subtracted 3.24 from a number to get 3.42 , then the suitable equation is _____.
A. $3.42 - 3.24 = x$ B. $3.42 - x = 3.24$
C. $x - 3.24 = 3.42$ D. $x + 3.24 = 3.42$
- 9 The value of $\{x\}$ in the equation : $2.342 - x = 1.924$ is _____.
A. 0.814 B. 0.481 C. 0.841 D. 0.418
- 10 If $8.23 + p = 10.24$, then $p =$ _____.
A. 18.47 B. 2.47 C. 2.01 D. 24.1

Unit 2

Choose the correct answer

- 11 The value of variable x in the equation $x + 1.5 = 5$ is _____
 A. 3.5 B. 4.5 C. 5.5 D. 6.5
- 12 If $k - 0.6 = 0.4$, then $k =$ _____
 A. 10 B. 0.2 C. 1 D. 0.4
- 13 In $56.4 + x = 96$, the variable is _____
 A. 56.4 B. x C. 96 D. 6.5
- 14 0.9 is closer to _____
 A. 0.5 B. 0.6 C. 1 D. 0.25
- 15 The benchmark decimal closest to 0.01 is _____
 A. 0 B. 1 C. 0.5 D. 1.5
- 16 The benchmark decimal closest to 0.49 is _____
 A. 0 B. 1 C. 0.5 D. 1.5
- 17 The composite number in the following numbers is _____
 A. 7 B. 17 C. 15 D. 5
- 18 The composite number of the following is _____
 A. 5 B. 2 C. 51 D. 13
- 19 The only even prime number is _____
 A. 2 B. 3 C. 4 D. 5
- 20 _____ is a prime number.
 A. 1 B. 3 C. 9 D. 15
- 21 _____ isn't a prime number.
 A. 1 B. 2 C. 3 D. 5

Unit 2

Choose the correct answer

- 22 All the following are prime numbers except _____
A. 5 B. 7 C. 3 D. 6
- 23 All the following are prime numbers except _____
A. 1 B. 2 C. 3 D. 5
- 24 All the following are composite numbers except _____
A. 17 B. 25 C. 15 D. 35
- 25 The next prime number after 7 is _____
A. 15 B. 13 C. 11 D. 10
- 26 The number 11 has _____ factors.
A. 1 B. 2 C. 3 D. 4
- 27 The prime number where the sum of its factors is 8 is _____
A. 2 B. 3 C. 5 D. 7
- 28 1 and 7 are common factors of _____
A. 2 and 7 B. 2 and 14 C. 2 and 12 D. 7 and 14
- 29 The common factor of all numbers is _____
A. 2 B. 3 C. 0 D. 1
- 30 The common multiple of all numbers is _____
A. 1 B. 2 C. 0 D. 3
- 31 One of the multiples of 2 is _____
A. 7 B. 8 C. 3 D. 11
- 32 _____ is a multiple of 3
A. 19 B. 10 C. 12 D. 25

Unit 2

Choose the correct answer

33. The number _____ is one of multiples of the number 5
A. 38 B. 53 C. 35 D. 6
34. The number _____ is one of the multiples of the number 7
A. 12 B. 13 C. 14 D. 15
35. The number _____ is of multiples of the digit 4
A. 26 B. 27 C. 28 D. 29
36. The number _____ is one of multiples of the number 8
A. 20 B. 28 C. 32 D. 45
37. All the following are multiples of 5 except _____
A. 5 B. 1 C. 10 D. 15
38. 24 is a multiple of _____
A. 16 B. 14 C. 8 D. 9
39. 28 is one of the multiples of number _____
A. 7 B. 8 C. 5 D. 6
40. Which is common multiple of 5 and 10 ?
A. 20 B. 15 C. 35 D. 45
41. _____ is a common multiple of 9 and 6
A. 12 B. 18 C. 24 D. 27
42. 2 and 5 are prime factors for the number _____
A. 10 B. 25 C. 7 D. 52
43. 2, 3 and 5 are all the prime factors of the number _____
A. 30 B. 235 C. 10 D. 25

Unit 2

Choose the correct answer

- 44 The number which its prime factors are 2, 2, 3 and 3 is _____
A. 36 B. 24 C. 12 D. 8
- 45 The prime factorization of 6 is _____
A. 1×6 B. 2×3 C. $5 + 1$ D. 1, 6
- 46 The prime factors of 12 are _____
A. 2 and 3 B. 2, 2 and 3 C. 2, 3 and 5 D. 2, 3 and 4
- 47 The prime factors of 14 are _____
A. 1 and 14 B. 2 and 14 C. 1 and 7 D. 2 and 7
- 48 The prime factors of the number 18 are _____
A. 1 and 18 B. 2, 3 and 3 C. 3 and 6 D. 2 and 9
- 49 The prime factors of the number 20 are _____
A. 2, 5 and 4 B. 2, 2 and 5 C. 3, 2 and 10 D. 20 and 1
- 50 The prime factorization of 24 is _____
A. 6×4 B. 8×3 C. $3 \times 2 \times 2$ D. $2 \times 2 \times 2 \times 3$
- 51 Factorize the number 30 to its prime factors is _____
A. $2 \times 3 \times 3$ B. $5 \times 5 \times 2$ C. $3 \times 3 \times 3$ D. $5 \times 3 \times 2$
- 52 L.C.M of 4 and 8 is _____
A. 8 B. 4 C. 2 D. 1
- 53 The G.C.F of the numbers 5 and 10 is _____
A. 5 B. 10 C. 15 D. 50
- 54 The least common multiple L.C.M for 12 and 6 is _____
A. 12 B. 10 C. 6 D. 40
- 55 The L.C.M of 3 and 5 is _____
A. 8 B. 15 C. 30 D. 45

Unit 2

Choose the correct answer

- 56 The L.C.M of 5 and 6 is _____
 A. 20 B. 24 C. 30 D. 40
- 57 The L.C.M of 3 and 7 is _____
 A. 1 B. 21 C. 37 D. 73
- 58 The G.C.F of the numbers 2 and 5
 A. 5 B. 10 C. 1 D. 50
- 59 The G.C.F of 10 and 15 is _____
 A. 10 B. 15 C. 5 D. 50
- 60 L.C.M of 10 and 15 is _____
 A. 30 B. 15 C. 5 D. 10
- 61 L.C.M of 6 and 10 is _____
 A. 61 B. 30 C. 15 D. 45
- 62 The greatest common factor [G.C.F] of 10 and 12 = _____
 A. 10 B. 12 C. 60 D. 2
- 63 The smallest prime number. ☐ The common factor for all numbers.
 A. < B. = C. >
- 64 The smallest prime number. ☐ The smallest prime odd number
 A. < B. = C. >

Unit 2

Complete the following

- 1 The variable in the equation $x + 5 = 9$ is _____
- 2 1 is not prime number because _____
- 3 The prime number has _____ factors.
- 4 _____ is the common factor for all numbers.
- 5 The number _____ is a common multiple of all numbers.
- 6 The number in which its factors are one and itself is _____ number.
- 7 _____ is the only even prime number.
- 8 The smallest prime odd number is _____
- 9 The number 11 has _____ factors.
- 10 The number 9 has _____ factors.
- 11 17 has _____ factors only.
- 12 The first four multiples of 5 are _____ , _____ , _____ and _____
- 13 The L.C.M of 3 and 6 is _____
- 14 The G.C.F of 8 and 4 is _____
- 15 The L.C.M of 7 and 21 is _____
- 16 G.C.F of 6 and 12 is _____
- 17 The L.C.M of the two numbers 3 and 5 is _____

Unit 2

Complete the following

18. The G.C.F of 2 and 3 is _____
19. _____ and _____ are prime factors of 6
20. The prime factors of 14 are _____ and _____
21. A number whose prime factors are 2, 2 and 5 is _____
22. The number whose all prime factors are 2, 3 and 5 is _____
23. The number whose all prime factors are 2, 2 and 3 is _____
24. The number whose all prime factors are 2, 3 and 3 is _____
25. The number whose all prime factors are 2, 5 and 7 is _____
26. The number whose prime factors are 2, 2, 3 and 5 is _____
27. Estimate : $4.9 + 57.2 =$ _____ [Using front end strategy]
28. If $2.56 + x = 3.8$, then $x =$ _____
29. If $m - 7.02 = 3.2$, then $m =$ _____
30. The value of [F] in equation : $10.94 - F = 9.04$ is _____
31. The value of D in the opposite bar model is _____
- | D | |
|-----|------|
| 4.2 | 3.25 |
32. By using the bar model

3.72	
x	1.5

, the value of x is _____

Unit 2

Answer the following

- 1 Find the value of each variable in the following part-to-whole bar models.

a.

87.415	
m	29.125

b.

h	
41.126	25.123

- 2 Solve the following equations [create a bar model to solve each problem].

a. $x - 3.4 = 1.34$

b. $8.76 = 3.53 + y$

- 3 A class contains 60 pupils, 34 from them are boys, write the equation to find the number of girls.

- 4 If the sum of two numbers is 50.1 and the smallest number of them is 5.999
What is the greatest one?

- 5 The weight of Noha is 35.275 kg and the weight of Hala is 42.012 kg
What is their weight together?

- 6 Petra walked from home to her school a distance 1.23 km, then she walked from her school to her grandmother home a distance 1.737 km.
What is the total distance did Petra cover?

- 7 Two numbers, the prime factors of the first are 2, 2, 5 and 5 and the prime factors of the second are 2, 2, 5 and 7.

a. The first number = _____

b. The second number = _____

c. Their G.C.F = _____

d. Their L.C.M = _____

Unit 2

Answer the following

- 8 Use the prime factorization to find the L.C.M
10, 12 and 15
10 = _____
12 = _____
15 = _____
L.C.M = _____
- 9 Mona waters one of her plants every 4 days and another plant every 6 days. If she waters both plants today.
When is the next time both plants will be watered on the same day?
- 10 Two clocks are turned on in the same time. One clock chimes every 15 minutes. The other clock chimes every 25 minutes. In how many minutes will they chime together? Do you have to find the G.C.F or the L.C.M? What is the answer?
- 11 Giovanni has 18 oranges and 12 bananas. He wants to make fruit baskets with the same number of each fruit in each basket. What is the greatest number of fruit baskets he can make? Do you have to find the G.C.F or the L.C.M? What is the answer?
- 12 Find G.C.F and L.C.M of the following.
- | | |
|---------------|--------------|
| a. 9 and 15. | f. 20 and 24 |
| b. 12 and 10 | g. 24 and 9 |
| c. 12 and 18. | h. 14 and 35 |
| d. 18 and 24 | i. 28 and 42 |
| e. 20 and 30 | j. 60 and 45 |

The Answers

Choose the correct answer:

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. C | 2. B | 3. D | 4. B | 5. C |
| 6. C | 7. C | 8. C | 9. D | 10. C |
| 11. A | 12. C | 13. B | 14. C | 15. A |
| 16. C | 17. C | 18. C | 19. A | 20. B |
| 21. A | 22. D | 23. A | 24. A | 25. C |
| 26. B | 27. D | 28. D | 29. D | 30. C |
| 31. B | 32. C | 33. C | 35. C | 36. C |
| 37. B | 38. C | 39. A | 40. A | 41. B |
| 42. A | 43. A | 44. A | 45. B | 46. B |
| 47. D | 48. B | 49. B | 50. D | 51. D |
| 52. A | 53. A | 54. A | 55. B | 56. C |
| 57. B | 58. C | 59. C | 60. A | 61. B |
| 62. D | 63. C | 64. A | | |

Complete the following:

- | | | | |
|--------|----------------------|-------------|----------|
| 1) X | 2) It has one factor | | |
| 3) 2 | 4) 1 | 5) 0 | 6) prime |
| 7) 2 | 8) 3 | 9) 2 | 10) 3 |
| 11) 2 | 12) 0,5,10,15 | 13) 6 | |
| 14) 4 | 15) 21 | 16) 6 | |
| 17) 15 | 18) 1 | 19) 2 and 3 | |

The Answers

Complete the following:

20) 2 and 7

21) 20

22) 30

23) 12

24) 18

25) 70

26) 60

27) $4+50 = 54$

28) 1.24

29) 10.22

30) 1.9

31) 7.45

32) 2.22

Answer the following:

1) $m = 58.290$

$h = 66.249$

2) a.

x	
3.4	1.34

$X = 4.74$

b.

8.76	
y	3.53

$y = 5.23$

3) $x + 34 = 60$

$x = 60 - 34 = 26$ girls

4) $5.999 + x = 50.1$

$x = 50.1 - 5.999 = 44.101$

5) $35.275 + 42.012 = 77.287$

6) $1.23 + 1.737 = 2.967$

7) a. 100

b. 140

c. 20

d. 700

8) $10 = 2 \times 5$

$12 = 2 \times 2 \times 3$

$15 = 5 \times 3$

$L.C.M = 2 \times 5 \times 2 \times 3 = 60$

The Answers

- 9) L.C.M of 4 and 6 = 12 after the 12 days
- 10) L.C.M OF 15 and 25 = 75 after 75 min
- 11) G.C.F of 18 and 12 = 36 36 baskets
- 12) a. G.C.F = 3 L.C.M = 45
- b. G.C.F = 2 L.C.M = 60
- c. G.C.F = 6 L.C.M = 36
- d. G.C.F = 6 L.C.M = 72
- e. G.C.F = 10 L.C.M = 60
- f. G.C.F = 4 L.C.M = 120
- g. G.C.F = 3 L.C.M = 72
- h. G.C.F = 7 L.C.M = 70
- i. G.C.F = 14 L.C.M = 84
- j. G.C.F = 15 L.C.M = 180

Unit 3

Choose the correct answer

- 1 What is the ones digit in the product of 34×123 ?
A. 2 B. 3 C. 6 D. 8
- 2 What is the ones digit in the product of 36×123 ?
A. 8 B. 6 C. 3 D. 2
- 3 $54 \times a = 18 \times 54$, then $a =$ _____
A. 972 B. 54 C. 18 D. 3
- 4 If $5 \times V = 45$, then $V =$ _____
A. 5 B. 9 C. 30 D. 1
- 5 $4 \times 354 = [4 \times 300] + [4 \times 50] + [\text{_____}]$
A. 4×4 B. 4×40 C. 4×400 D. 40×40
- 6 $85 \times 69 = [80 \times 60] + [80 \times 9] + [5 \times 9] + [\text{_____}]$
A. 5×6 B. 5×60 C. 50×6 D. 50×60
- 7 $75 \times 43 = [70 \times 40] + [70 \times 3] + [5 \times 40] + [5 \times \text{_____}]$
A. 70 B. 40 C. 5 D. 3
- 8 $[78 \times 72] = [70 \times 78] + [\text{_____} \times 78]$
A. 70 B. 2 C. 8 D. 7
- 9 $[200 + 30 + 3] \times [30 + 5] =$ _____
A. 223×35 B. 233×35 C. 233×53 D. 233×8
- 10 $[100 + 70 + 6] \times [20 + 9] =$ _____
A. 176×209 B. 176×29 C. 176×92 D. 176×902

Unit 3

Choose the correct answer

- 11 $[100 + 100 + 70 + 4] \times [6 + 80] = \underline{\hspace{2cm}}$
 A. 174×86 B. 174×68 C. 274×86 D. 274×68
- 12 $[40 \times 32] + [2 \times 32] = \underline{\hspace{2cm}} \times 32$
 A. 24 B. 42 C. 8 D. 6
- 13 $[3 \times 61] + [5 \times 61] = \underline{\hspace{2cm}} \times 61$
 A. 53 B. 35 C. 8 D. 6
- 14 $[6 \times 85] + [2 \times 85] = \underline{\hspace{2cm}} \times 85$
 A. 24 B. 42 C. 8 D. 6
- 15 $53 \times \underline{\hspace{2cm}} = [53 \times 4] + [53 \times 6]$
 A. 4 B. 6 C. 8 D. 10
- 16 $74 \times \underline{\hspace{2cm}} = [74 \times 5] + [74 \times 3]$
 A. 8 B. 15 C. 47 D. 74
- 17 $[11 \times 3] + [11 \times 20] + [11 \times 100] = 11 \times \underline{\hspace{2cm}}$
 A. 123 B. 321 C. 213 D. 210
- 18 $[80 \times 10] + [80 \times 5] + [3 \times 10] + [3 \times 5] = \underline{\hspace{2cm}}$
 A. 85×13 B. 83×15 C. 83×51 D. 38×51
- 19 $\underline{\hspace{2cm}} = [50 \times 600] + [50 \times 30] + [50 \times 1] + [3 \times 600] + [3 \times 30] + [3 \times 1]$
 A. 536×51 B. 635×31 C. 631×53 D. 651×35
- 20 If $496 = 4 \times [A] + 9 \times [B] + 6$, then $A + B = \underline{\hspace{2cm}}$
 A. 100 B. 10 C. 110 D. 490

Unit 3

Choose the correct answer

- 21 Which distributive products can be used to solve 83×15 ?
- A. $[8 \times 1] + [8 \times 5] + [3 \times 1] + [3 \times 5]$ B. $[80 \times 10] \times [80 \times 5] \times [3 \times 10] \times [3 \times 5]$
 C. $[80 \times 10] + [80 \times 5] + [3 \times 10] + [3 \times 5]$ D. $[80 \times 1] + [80 \times 5] + [3 \times 10] + [3 \times 5]$
- 22 $24 \times 136 =$ ———
- A. $[20 \times 100] + [20 \times 3] + [20 \times 6] + [4 \times 100] + [4 \times 30] + [4 \times 6]$
 B. $[20 \times 100] + [20 \times 30] + [20 \times 6] + [4 \times 100] + [4 \times 30] + [4 \times 6]$
 C. $[4 \times 1] + [4 \times 3] + [4 \times 6] + [2 \times 1] + [2 \times 3] + [2 \times 6]$
 D. $[2 \times 100] + [2 \times 30] + [2 \times 6] + [4 \times 100] + [4 \times 30] + [4 \times 6]$
- 23 $73 \times 24 =$ ———
- A. $[70 \times 40] + [70 \times 2] + [3 \times 40] + [3 \times 2]$
 B. $[70 \times 10] + [70 \times 10] + [70 \times 4] + [3 \times 10] + [3 \times 10] + [3 \times 4]$
 C. $[70 \times 20] + [70 \times 20] + [3 \times 20] + [3 \times 20]$
 D. $[7 \times 20] + [7 \times 4] + [30 \times 20] + [30 \times 4]$
- 24 $2 \times$ ——— = 2,000
- A. 10 B. 100 C. 1,000 D. 10,000
- 25 $29 \times$ ——— = 2,900
- A. 10 B. 100 C. 1,000 D. 10,000
- 26 ——— $\times 1,000 = 270,000$
- A. 72 B. 27 C. 270 D. 720
- 27 $20 \times 50 =$ ———
- A. 100 B. 1,000 C. 2,500 D. 25

Unit 3

Choose the correct answer

- 28 $110 \times 40 =$ _____
 A. 44 B. 440 C. 4,400 D. 44,000
- 29 3 Hundreds $\times$ 7 Hundreds = _____ Hundreds.
 A. 210,000 B. 2,100 C. 21,000 D. 21
- 30 $160 \times 15 =$ _____
 A. 24 Thousands B. 24 Hundreds C. 24 Tens D. 24 Hundredths
- 31 $320 \times 15 =$ _____
 A. 48 B. 48 tens C. 48 hundreds D. 48 thousands
- 32 $25 \times 32 =$ _____ Hundreds.
 A. 8 B. 80 C. 800 D. 8,000
- 33 $24 \times 15 =$ _____ Tens
 A. 360 B. 36 C. 3.6 D. 3,600
- 34 The product of 237×25 is closer to _____
 A. 5,000 B. 6,000 C. 7,000 D. 8,000
- 35 876×72 is near close to _____
 A. 56,000 B. 5,600 C. 63,000 D. 72,000
- 36 The product of 372×52 is close to _____
 A. 20,000 B. 15,000 C. 7,000 D. 10,000
- 37 49×523 is closer to _____
 A. 2,500 B. 25,000 C. 20,000 D. 2,000

Unit 3

Choose the correct answer

- 38 The product of 193×19 is near close to _____
 A. 4,000 B. 40 C. 400 D. 40,000

- 39 Estimate the product of 971×23 is _____
 A. 20,000 B. 8,000 C. 2,000 D. 20

- 40 Use front end estimation to estimate $42 \times 69 =$ _____
 A. 2,400 B. 2,800 C. 3,200 D. 3,600

- 41 243×14 ☐ 324×14
 A. < B. = C. >

- 42 327×53 ☐ 199×43
 A. > B. < C. =

- 43 16×15 ☐ 20×13
 A. > B. = C. <

- 44 What is the unknown value in the area of 27×43 ?
 A. 6 B. 60
 C. 12 D. 120

$\times$	40	3
20	800	?
7	280	21

- 45 What is the unknown value in the area model of 35×475 ?
 A. 430 B. 1,200
 C. 12,000 D. 120

	400	70	5
30	?	2,100	150
5	2,000	350	25

- 46 What is the unknown value in the area model of 53×795 ?
 A. 4,500 B. 3,500
 C. 35 D. 35,000

	700	90	5
50	?	4,500	250
3	2,100	270	15

Unit 3

Choose the correct answer

- 47 The multiplication problem which expresses the opposite area model is _____

A. 46×35 B. 56×34
C. 65×43 D. 43×605

	60	5
40	2,400	200
3	180	15

- 48 The missing number in the product is _____

A. 2,882
B. 10,122
C. 2,892
D. 2,880

$$\begin{array}{r} 723 \\ \times 14 \\ \hline + 7,230 \\ \hline 10,122 \end{array}$$

- 49 $3,496 =$ _____
- A. 152×23 B. 152×32 C. 215×23 D. 215×32

- 50 $5,508 =$ _____
- A. 54×342 B. 36×153 C. 61×281 D. 32×372

- 51 $1,001 \times 25 =$ _____
- A. 2,525 B. 25,025 C. 250,025 D. 5,225

- 52 $15 \times 21 =$ _____
- A. 135 B. 513 C. 315 D. 3,015

- 53 $38 \times 564 =$ _____
- A. 20,532 B. 21,433 C. 21,432 D. 20,332

- 54 Mona bought 31 boxes of juice for 25 L.E. each. She paid = _____ L.E.
- A. 757 B. 775 C. 577 D. 7,750

Unit 3

Choose the correct answer

55. A merchant bought 136 boxes of juice for 25 L.E. each. How much money did he pay ?
 A. 3,400 L.E. B. 3,170 L.E. C. 3,200 L.E. D. 3,236 L.E.
56. Hany runs 110 minutes every day. What is the number of running minutes in 15 days ?
 A. 1,065 B. 1,605 C. 1,560 D. 1,650
57. A shoes costs 400 L.E. , which is 4 times as much as a shirt costs , then a shirt cost = _____ L.E.
 A. 500 B. 396 C. 300 D. 100

Complete the following

1. $[9 \times 27] = [9 \times \text{_____}] + [9 \times 7]$
2. $7 \times 74 = [7 \times 4] + [7 \times \text{_____}]$
3. $567 \times 3 = [500 \times 3] + [\text{_____} \times 3] + [60 \times 3]$
4. $17 \times 509 = [10 + 7] \times [\text{_____} + 9]$
5. $26 \times 3 = [20 \times \text{_____}] + [\text{_____} \times 3] = 60 + 18$
6. $15 \times 46 = [10 \times \text{_____}] + [10 \times 6] + [5 \times 40] + [\text{_____} \times 6]$
7. $234 \times 57 = [200 \times 50] + [200 \times 7] + [30 \times 50] + [30 \times \text{_____}] + [4 \times 50] + [4 \times 7]$
8. $43 \times 26 = [3 \times 6] + [3 \times 20] + [40 \times 6] + [40 \times \text{_____}]$

Unit 3

Complete the following

- 9 $[6 \times 87] + [2 \times 87] = \text{_____} \times 87$
- 10 $[3 \times 200] + [3 \times 50] + [3 \times 7] = 3 \times \text{_____}$
- 11 $78 \times \text{_____} = [3 \times 8] + [20 \times 8] + [3 \times 70] + [20 \times 70]$
- 12 $[70 \times 30] + [70 \times 5] + [4 \times 30] + [4 \times 5] = \text{_____} \times \text{_____}$
- 13 $253 \times \text{_____} = [70 \times 200] + [70 \times 50] + [70 \times 3] + [4 \times 200] + [4 \times 50] + [4 \times 3]$
- 14 $[3 \times 5] + [40 \times 5] + [3 \times 90] + [40 \times 90] = \text{_____} \times 95$
- 15 The Ones digit of the product of $2,786 \times 84$ will be _____
- 16 The ones digit of the product of $3,594 \times 93$ will be _____
- 17 The product of 899×11 is closer to the product of _____ $\times$ _____
- 18 The product of 799×12 is closer to the product of _____ $\times$ _____
- 19 If $4 \times m = 16$, then the value of $m = \text{_____}$
- 20 If $a \times 5 = 50$, then $a = \text{_____}$
- 21 $n \times 123 = 0$ $n = \text{_____}$
- 22 $34 \times \text{_____} = 3,400$
- 23 $15 \times \text{_____} = 15,000$
- 24 _____ $\times 1,000 = 340,000$

Unit 3

Complete the following

25 _____ $\times 9 = 900,000$

26 $70,000 = 7 \times$ _____

27 $1,000 \times$ _____ $= 150,000$

28 $5 \times$ _____ $= 20,000$

29 $130 \times 30 =$ _____

30 $120 \times 40 =$ _____

31 $4,231 \times 3 =$ _____

32 $21 \times 64 =$ _____

33 Sara bought 36 books for 100 L.E. each. She paid = _____

34

	40	7
10	_____	_____
3	_____	_____

35

$$\begin{array}{r}
 7,585 \\
 \times \quad 73 \\
 \hline
 22,755 \\
 \hline
 \hline
 \hline
 \end{array}$$

Unit 3

Answer the following

- 1 Solve the problem using an area model $42 \times 51 = \underline{\hspace{2cm}}$
- 2 Use the distributive property of multiplication to find the product of 47×35
- 3 Youssef saves 87 L.E. every month. Find the total sum of money which he will save in 10 weeks.
- 4 Yousef bought 100 pens of the same type. The price of each pen is 17 pounds. How much money Yousef paid ?
- 5 A factory produces 4,550 toys every month. Another factory produces 7,350 toys every month. Find the difference between their product in ten months.
- 6 Doaa saved five times which Walaa saved. If Doaa saved 35 L.E. , find the money which Walaa saved.
- 7 8 friends everyone has 122 pounds. Find the total amount of money.
- 8 Youssef walk every day 5 km, if he walk 154 days in the year. How many kilometers did he walk ?
- 9 Ashraf runs 14 hours every week.
What is the number of running hours in 25 weeks ?
- 10 Ahmed has 300 pounds to spend on new clothes. If he bought 12 pair of socks for 18 pounds a pair. How much money will he have left to spend ?
- 11 Marwa saved 125 pounds , Ahmed saved 11 times as Marwa , Mariam saved 9 times as Marwa. How much money they saved ?

Unit 3

Answer the following

- 12 In one year , a factory used 13,250 meters of cotton , 6,850 fewer meters of silk than cotton , and 1,500 fewer meters of wool than silk.

How many meters of fabric were used in all ?

- 13 Use the following area models to write the distribution equation.

a.

	100	20	7
5	500	100	35

b.

	30	6
20	600	120
2	60	12

The Answers

Choose the correct answer:

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. A | 2. A | 3. C | 4. B | 5. A |
| 6. B | 7. D | 8. B | 9. B | 10. B |
| 11. C | 12. B | 13. C | 14. C | 15. D |
| 16. A | 17. A | 18. B | 19. C | 20. C |
| 21. C | 22. B | 23. B | 24. C | 25. B |
| 26. C | 27. B | 28. C | 29. B | 30. B |
| 31. C | 32. A | 33. B | 34. B | 35. C |
| 36. A | 37. B | 38. A | 39. A | 40. A |
| 41. A | 42. A | 43. C | 44. B | 45. C |
| 46. D | 47. C | 48. C | 49. A | 50. B |
| 51. B | 52. C | 53. C | 54. B | 55. A |
| 56. D | 57. D | | | |

Complete the following:

- | | | | |
|--------------|--------------|----------|-------------|
| 1) 20 | 2) 70 | 3) 7 | 4) 500 |
| 5) 3 , 6 | 6) 40,5 | 7) 7 | 8) 20 |
| 9) 8 | 10) 257 | 11) 23 | 12) 74 X 35 |
| 13) 74 | 14) 43 | 15) 4 | 16) 2 |
| 17) 900 X 10 | 18) 800 X 10 | 19) 4 | 20) 10 |
| 21) 0 | 22) 100 | 23) 1000 | 24) 340 |

The Answers

Complete the following:

25) 100,000

26) 10,000

27) 150

28) 4000

29) 3900

30) 4800

31) 12,693

32) 1464

33) 3600 L.E.

34) 400,70,120,21

35) 530,950 , 553,705

Answer the following:

1) $42 \times 51 = 2142$

	50	1
40	2000	40
2	100	2

$$2) 47 \times 35 = (40 \times 30) + (40 \times 5) + (7 \times 30) + (7 \times 5)$$

$$= 1200 + 200 + 210 + 35 = 1645$$

3) $87 \times 10 = 870$ L.E.

4) $100 \times 17 = 1700$ pounds

5) F 1 = $4550 \times 10 = 45500$

F2 = $7350 \times 10 = 73500$

The difference = $73,500 - 45,500 = 28,000$ toys

The Answers

6) $35 = 5 \times 7$ Walaa saved 7 L.E.

7) $122 \times 8 = 976$ pounds

8) $154 \times 5 = 770$ KM

9) $14 \times 25 = 350$ hours

10) $12 \times 18 = 216$ pounds

The left = $300 - 216 = 84$ pounds

11) Marwa = 125 pounds

Ahmed = $125 \times 11 = 1375$ pounds

Mariam = $125 \times 9 = 1125$ pounds

The total = $125 + 1375 + 1125 = 2625$ pounds

12) cotton = 13,250 m

Silk = $13250 - 6850 = 6400$ m

Wool = $6400 - 1500 = 4900$ m

All = $13250 + 6400 + 4900 = 24,550$ m

13) a. $(5 \times 100) + (5 \times 20) + (5 \times 7) = 500 + 100 + 35 = 635$

b. $(20 \times 30) + (20 \times 6) + (2 \times 30) + (2 \times 6)$

$= 600 + 120 + 60 + 12 = 792$

شرح خطوات الحل على قناة اليوتيوب



Math For Kids: Hoda Ismail

Unit 4

Choose the correct answer

1. In the equation $36 \div 4 = 9$, the quotient is _____.
A. 36 B. 4 C. 9 D. zero
2. In $30 \div 7 = 4 \text{ R } 2$, the divisor is _____.
A. 30 B. 7 C. 4 D. 2
3. The dividend in the equation $36 \div 4 = 9$ is _____.
A. 36 B. 4 C. 9 D. zero
4. In the equation $666 \div 19 = 35 \text{ R } 1$, the remainder is _____.
A. 666 B. 19 C. 35 D. 1
5. The quotient in the equation $48 \div 6 = 8$ is _____.
A. 48 B. 6 C. 8 D. 0
6. If $215 \div 43 = 5$, then the divisor is _____.
A. 5 B. 43 C. 34 D. 215
7. In the division equation $4,235 \div 35 = 121$, the dividend is _____.
A. 4,236 B. 35 C. 121 D. 1
8. $44 \div 7 = 6$ and remainder _____.
A. 1 B. 2 C. 3 D. 4
9. In the equation $24 \div 4 = 6$, the remainder is _____.
A. 1 B. 2 C. 0 D. 4
10. $29 \div 4 = 7 \text{ R } \rule{1cm}{0.4pt}$
A. 0 B. 1 C. 2 D. 3

Unit 4

Choose the correct answer

- 11 The remainder in the equation $36 \div 9 = 4$ is _____
 A. 36 B. 9 C. 4 D. zero
- 12 The division equation that matches $113 \times 24 = 2,712$ is _____
 A. $113 \div 24 = 2,712$ B. $113 \div 2,712 = 24$ C. $24 \div 2,712 = 113$ D. $2,712 \div 24 = 113$
- 13 The division equation that matches $125 \times 36 = 4,500$ is _____
 A. $4,500 - 125 = 36$ B. $125 \div 36 = 4,500$ C. $4,500 \div 36 = 125$ D. $125 + 36 = 4,500$
- 14 If $3,768 \div 24 = 157$, then $24 \times 157 =$ _____
 A. 3,768 B. 3,769 C. 3,770 D. 3,767
- 15 If $3,012 \div 12 = 251$, then $251 \times 12 =$ _____
 A. 3,013 B. 3,012 C. 3,014 D. 3,015
- 16 If $125 \times 5 = 625$, then $626 \div 5 = 125 \text{ R } \underline{\hspace{1cm}}$
 A. 3 B. 1 C. 5 D. 2
- 17 If $26 \times 352 = 9,152$, then $9,155 \div 26 =$ _____
 A. 352 B. 352 R 1 C. 352 R 2 D. 352 R 3
- 18 If $35 \times 121 = 4,235$ then $4,236 \div 35 =$ _____
 A. 121 B. 121 R 1 C. 121 R 2 D. 121 R 3
- 19 If $14 \times 365 = 5,110$, then $5,111 \div 14 =$ _____
 A. 365 R 11 B. 365 C. 365 R 1 D. 365 R 15
- 20 If $51 \times 23 = 1,173$, then $1,180 \div 23 = 51 \text{ R } \underline{\hspace{1cm}}$
 A. 4 B. 5 C. 6 D. 7

Unit 4

Choose the correct answer

- 21 If $3,321 \div 27 = 123$, then $3,323 \div 27 =$ _____
 A. 123 B. 123 R 1 C. 123 R 2 D. 123 R 3
- 22 Quotient $\times$ divisor + remainder = _____
 A. divisor B. quotient C. remainder D. dividend
- 23 Which expression can be used to check the solution of the following division problem? $8,668 \div 24 = 361 \text{ R } 4$
 A. 24×361 B. $28 \times 8,668$ C. $361 \times 4 + 24$ D. $24 \times 361 + 4$
- 24 If $840 \div 24 = 35$, then $35 \times 24 + 5 =$ _____
 A. 840 B. 850 C. 845 D. 485
- 25 If $7,785 \div 31 = 251 \text{ R } 4$, then $31 \times 251 =$ _____
 A. 7,784 B. 7,782 C. 7,781 D. 7,783
- 26 If $7,785 \div 31 = 251 \text{ R } 4$, then $31 \times 251 + 3 =$ _____
 A. 7,786 B. 7,785 C. 7,784 D. 7,783
- 27 $4,150 \div 29 = 143 \text{ R } ______$
 A. 4 B. 2 C. 1 D. 3
- 28 $328 \div 18 = 18 \text{ R } ______$
 A. 2 B. 5 C. 6 D. 4
- 29 $3,330 \div 32 = 104 \text{ R } ______$
 A. 2 B. 3 C. 4 D. 5
- 30 $3,681 \div 35 = 105 \text{ R } ______$
 A. 3 B. 4 C. 5 D. 6

Unit 4

Choose the correct answer

- 31 $5,262 \div 57 = 92 \text{ R } \underline{\hspace{2cm}}$
 A. 18 B. 57 C. 92 D. 0
- 32 $2,215 \div 15 = 147 \text{ R } \underline{\hspace{2cm}}$
 A. 15 B. 10 C. 5 D. 0
- 33 $123 \div 123 = \underline{\hspace{2cm}}$
 A. 1 B. 2 C. 3 D. 4
- 34 $643 \div \underline{\hspace{2cm}} = 643$
 A. 0 B. 1 C. 10 D. 100
- 35 $\text{zero} \div 235 = \underline{\hspace{2cm}}$
 A. 0 B. 1 C. 2 D. 23
- 36 $36 \div \underline{\hspace{2cm}} = 9$
 A. 4 B. 5 C. 3 D. 6
- 37 $\underline{\hspace{2cm}} \div 4 = 80$
 A. 20 B. 320 C. 480 D. 800
- 38 $120 \div 12 = \underline{\hspace{2cm}}$
 A. 10 B. 20 C. 12 D. 21
- 39 $1,500 \div 50 = \underline{\hspace{2cm}}$
 A. 3 B. 30 C. 300 D. 3,000
- 40 325 is divisible by $\underline{\hspace{2cm}}$
 A. 5 B. 3 C. 2 D. 9

Unit 4

Choose the correct answer

- 41 $36 \div 9$ ☐ $36 \div 5$
A. > B. < C. =
- 42 $1,515 \div 15 =$ _____
A. 11 B. 101 C. 1,001 D. 15
- 43 $2,323 \div 23 =$ _____
A. 11 B. 11.1 C. 1.1 D. 101
- 44 $4,444 \div 44 =$ _____
A. 11 B. 101 C. 110 D. 1,001
- 45 $2,002 \div 22 =$ _____
A. 19 B. 91 C. 109 D. 901
- 46 $4,224 \div 12 =$ _____
A. 235 B. 352 C. 532 D. 32
- 47 Quotient of $7,668 \div 54$ is _____
A. 142 B. 124 C. 214 D. 241
- 48 $8,283 \div 33 =$ _____
A. 25 B. 215 C. 512 D. 251
- 49 $1,376 \div 43 =$ _____
A. 43 B. 23 C. 32 D. 320
- 50 $6,293 \div 31 =$ _____
A. 203 R 1 B. 302 C. 203 D. 302 R 1

Unit 4

Choose the correct answer

- 51 In the opposite area model , which choice best represents the problem ?

- A. $3,159 \div 13 = 2403$
 B. $3,159 \div 13 = 243$
 C. $3,159 \div 13 = 234$
 D. $3,159 \div 13 = 342$

	200	40	3
13	$\begin{array}{r} 3,159 \\ -2,600 \\ \hline 559 \end{array}$	$\begin{array}{r} 559 \\ -520 \\ \hline 39 \end{array}$	$\begin{array}{r} 39 \\ -39 \\ \hline 00 \end{array}$

- 52 In the opposite area model, which choice best represents the problem ?

- A. $1,740 \div 15 = 1,151$
 C. $1,740 \div 15 = 116$
 B. $1,740 \div 15 = 100 + 151$
 D. $1,740 \div 51 = 116$

	100	10	5	1
15	$\begin{array}{r} 1,740 \\ -1,500 \\ \hline 240 \end{array}$	$\begin{array}{r} 240 \\ -150 \\ \hline 90 \end{array}$	$\begin{array}{r} 90 \\ -75 \\ \hline 15 \end{array}$	$\begin{array}{r} 15 \\ -15 \\ \hline 00 \end{array}$

- 53 In the opposite area model , which choice best represents the problem ?

- A. $2,835 \div 21 = 100,305$
 B. $2,835 \div 21 = 180$
 C. $2,835 \div 21 = 135$
 D. $2,835 \div 12 = 135$

	100	10	10	10	5
21	$\begin{array}{r} 2,835 \\ -2,100 \\ \hline 735 \end{array}$	$\begin{array}{r} 735 \\ -210 \\ \hline 525 \end{array}$	$\begin{array}{r} 525 \\ -210 \\ \hline 315 \end{array}$	$\begin{array}{r} 315 \\ -210 \\ \hline 105 \end{array}$	$\begin{array}{r} 105 \\ -105 \\ \hline 0 \end{array}$

- 54 Which area model best represents $2,583 \div 21$?

A. 21

100	20	3
$\begin{array}{r} 2,583 \\ -2,100 \\ \hline 483 \end{array}$	$\begin{array}{r} 483 \\ -420 \\ \hline 63 \end{array}$	$\begin{array}{r} 63 \\ -63 \\ \hline 00 \end{array}$

B. 21

100	10	3
$\begin{array}{r} 2,583 \\ -2,100 \\ \hline 483 \end{array}$	$\begin{array}{r} 483 \\ -210 \\ \hline 263 \end{array}$	$\begin{array}{r} 263 \\ -263 \\ \hline 000 \end{array}$

C. 21

100	10	42
$\begin{array}{r} 2,583 \\ -2,100 \\ \hline 483 \end{array}$	$\begin{array}{r} 483 \\ -420 \\ \hline 63 \end{array}$	$\begin{array}{r} 63 \\ -63 \\ \hline 00 \end{array}$

D. 21

100	20	6
$\begin{array}{r} 2,583 \\ -2,100 \\ \hline 483 \end{array}$	$\begin{array}{r} 483 \\ -420 \\ \hline 63 \end{array}$	$\begin{array}{r} 63 \\ -63 \\ \hline 00 \end{array}$

Unit 4

Choose the correct answer

- 55 Using the opposite area model to divide $1,530 \div X$, then the value of X is _____

A. 1,530
C. 30

B. 102
D. 15

	100	2
X	1,530	30
	1,500	-30
	30	00

- 56 In the opposite area model of division, the value of $\times$ is _____

A. 1
C. 100

B. 10
D. 1,000

	200	x	7
34	7,378	578	238
	-6,800	-340	-238
	578	238	000

- 57 Using the opposite area model to divide $3,084 \div 12$, then the value of X is _____

A. 100
C. 10

B. 50
D. 5

	100	100	X	7
12	3,084	1,884	684	84
	-1,200	-1,200	-600	-84
	1,884	684	84	00

- 58 What is the value of M in the opposite division problem?

A. 324

B. 342

C. 234

D. 432

	M
17	3,978

- 59 A man bought 12 toys for 288 L.E., then the price of each toy is _____ L.E.

A. 300

B. 24

C. 276

D. 42

- 60 A car its length 196 cm, a factory design a car sample its length 4 cm. How many times the car longer than the car sample?

A. 47

B. 48

C. 49

D. 94

Complete the following

- 1 If $676 \div 52 = 13$, then the dividend is _____
- 2 The quotient in $480 \div 10 = 48$ is _____
- 3 If $30 \div 5 = 6$, then 5 is called _____
- 4 In the division equation $29 \div 3 = 9 \text{ R } 2$, the remainder is _____
- 5 The quotient of $54 \div 5 = 10$, then the remainder is -
- 6 $34 \div 4 = 8 \text{ R } \underline{\hspace{1cm}}$
- 7 $30 \div 4 = 7 \text{ R } \underline{\hspace{1cm}}$
- 8 $64 \div 6 = 10 \text{ R } \underline{\hspace{1cm}}$
- 9 The remainder of divided 17 by 5 is _____
- 10 If $735 \div 21 = 35$, then $35 \times 21 = \underline{\hspace{1cm}}$
- 11 If $125 \times 5 = 625$, then $626 \div 5 = 125 \text{ R } \underline{\hspace{1cm}}$
- 12 If $13 \times 257 = 3,341$, then $3,344 \div 13 = 257 \text{ R } \underline{\hspace{1cm}}$
- 13 If $650 \div 25 = 26$, then $26 \times 25 + 5 = \underline{\hspace{1cm}}$
- 14 Quotient $\times$ divisor + remainder = _____
- 15 $0 \div 51,362 = \underline{\hspace{1cm}}$

Unit 4

Complete the following

16 $3,561 \div 1 = \underline{\hspace{2cm}}$

17 $2,761 \div 2,761 = \underline{\hspace{2cm}}$

18 $120 \div 20 = \underline{\hspace{2cm}}$

19 $150 \div 30 = \underline{\hspace{2cm}}$

20 $1,313 \div 13 = \underline{\hspace{2cm}}$

21 If the price of 15 books is 315 pounds , then the price of each book equals $\underline{\hspace{2cm}}$ pounds.22 The quotient in opposite area model is $\underline{\hspace{2cm}}$

	60	4
	2,240	140
35	-2,100	-140
	140	000

23 The quotient in the opposite area model is $\underline{\hspace{2cm}}$

	1,825	75
25	-1,750	-75
	75	00

Answer the following

- 1 Use the area model strategy to solve
 - a. $1,035 \div 9$
 - b. $3,813 \div 31$
 - c. $6,203 \div 11$
- 2 using the standard algorithm to Divide
 - a. $25 \overline{) 3,075}$
 - b. $57 \overline{) 5,262}$
- 3 If 18 plums are divided equally into 3 bags ,then how many plums will be in each bag ?
- 4 .A man paid 15 pounds to buy three pens. Find the price of each pen.
- 5 A father wants to distribute 210 L.E. among his three children. How much money did each child get ?
- 6 A teacher wants to distribute 280 prizes to 7 classes equally. How many prizes per each class ?
- 7 Hossam has 28 cans. He wants to divide it equally on 7 tables. How many cans will be on each table ?
- 8 There were 29 girls and 27 boys in a class. The teacher asked them to work in groups of 8 How many groups there were ?

Unit 4

Answer the following

- 9 Distribute 3,600 L.E. between 9 persons equally.
How much every one take ?
- 10 If 120 pens are packed each 12 to a bag , then how many bags will be there ?
- 11 If the price of 12 books is 480 pounds , then find the price of each book.
- 12 A baker made 135 serving of baklava for a party. If each baking tray holds 11 servings of baklava , how many trays will be needed to hold all the baklava ?
- 13 A school with 779 students , distributed equally into 19 classes.
Find the number of students in each class ?
- 14 A charity wants to distribute 3,125 pounds into 25 persons equally.
What's the share of each person ?
- 15 If 165 passengers travels to cairo by private cars, if the number of passengers in each car is 11 passengers , what is the number of cars to transport all the passengers ?

The Answers

Choose the correct answer:

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. C | 2. B | 3. A | 4. D | 5. C |
| 6. B | 7. A | 8. B | 9. C | 10. B |
| 11. D | 12. D | 13. C | 14. A | 15. B |
| 16. B | 17. D | 18. B | 19. C | 20. D |
| 21. C | 22. D | 23. D | 24. C | 25. C |
| 26. C | 27. D | 28. D | 29. A | 30. D |
| 31. A | 32. D | 33. A | 34. 1 | 35. A |
| 36. A | 37. B | 38. A | 39. B | 40. A |
| 41. B | 42. B | 43. D | 44. B | 45. B |
| 46. B | 47. A | 48. D | 49. C | 50. C |
| 51. B | 52. C | 53. C | 54. A | 55. D |
| 56. B | 57. B | 58. C | 59. B | 60. C |

Complete the following:

- | | | | |
|---------|--------------|------------|----------|
| 1) 676 | 2) 48 | 3) divisor | 4) 2 |
| 5) 4 | 6) 2 | 7) 2 | 8) 4 |
| 9) 2 | 10) 735 | 11) 0 | 12) 3 |
| 13) 655 | 14) dividend | 15) 0 | 16) 3561 |
| 17) 1 | 18) 6 | 19) 5 | 20) 101 |
| 21) 21 | 22) 64 | 23) 73 | |

The Answers

Answer the following:

- 1) a. 115 b. 123 c. 563 R 10
- 2) a. 123 b. 92 R 18
- 3) $18 \div 3 = 6$ plums
- 4) $15 \div 3 = 5$ pounds
- 5) $210 \div 3 = 70$ L.E.
- 6) $280 \div 7 = 40$ prizes
- 7) $28 \div 7 = 4$ cans
- 8) $29 + 27 = 56$ $56 \div 8 = 7$ groups
- 9) $3600 \div 9 = 400$ L.E.
- 10) $120 \div 12 = 10$ bags
- 11) $480 \div 12 = 40$ L.E.
- 12) $135 \div 11 = 12$ R 3 we needs 13 trays
- 13) $779 \div 19 = 41$ students
- 14) $3125 \div 25 = 125$ pounds
- 15) $165 \div 11 = 15$ cars

شرح خطوات الحل على قناة اليوتيوب



Math For Kids: Hoda Ismail

Units 5&6

Choose the correct answer

- 1 $100 \times 5.2 =$ _____
A. 5.20 B. 520 C. 0.52 D. 52
- 2 $57.3 \times 0.1 =$ _____
A. 0.573 B. 5.73 C. 573 D. 5,730
- 3 $3.25 \times 0.1 =$ _____
A. 325 B. 32.5 C. 3.25 D. 0.325
- 4 $85.3 \times 0.01 =$ _____
A. 853 B. 8.53 C. 8,530 D. 0.853
- 5 $3.45 \times 0.001 =$ _____
A. 0.0345 B. 0.345 C. 345 D. 0.00345
- 6 $58.675 \times 0.10 =$ _____
A. 58.675 B. 5.8675 C. 586.75 D. 60
- 7 $76.5 \times \frac{1}{10} =$ _____
A. 765 B. 7.65 C. 0.765 D. 76.05
- 8 $85.3 \div \frac{1}{100} =$ _____
A. 8,530 B. 8.53 C. 0.853 D. 85,300
- 9 One hundredth of the number 76.93 = _____
A. $76.93 \div 0.01$ B. $76.93 \div 100$ C. 769.3 D. 7,693
- 10 $0.01 \times 0.1 =$ _____
A. $\frac{1}{10}$ B. $\frac{1}{100}$ C. $\frac{1}{1,000}$ D. 1

Units 5&6

Choose the correct answer

- 11 $\text{_____} \times 0.1 = 5.36$
 A. 0.536 B. 536 C. 53.6 D. 5.3600
- 12 $\text{_____} \times 0.01 = 4.12$
 A. 412 B. 4,120 C. 41,200 D. 0.412
- 13 $14 \times \text{_____} = 1.4$
 A. 10 B. 100 C. 0.1 D. 0.01
- 14 6.3 is 100 times as _____
 A. 0.63 B. 63 C. 0.063 D. 630
- 15 4.231×100 $4,231 \times 0.1$
 A. < B. > C. =
- 16 85.2×0.01 0.0852×10
 A. > B. < C. =
- 17 $0.007 \times 1,000$ $70,000 \times 0.001$
 A. < B. > C. =
- 18 4.25 $2.2 \div 0.1$
 A. = B. < C. >
- 19 $4.25 \times 0.1 = \text{_____}$
 A. 4.25×100 B. 42.5 C. $4.25 \div 10$ D. 0.0425
- 20 $0.27 \div 0.01 = \text{_____}$
 A. 2.7 B. 270 C. 27 D. 0.027

Choose the correct answer

Units 5&6

- 21 $3.3 \text{ m} = \text{_____ cm}$
 A. 3,300 B. 330 C. 33,000 D. 33
- 22 $50 \text{ km} = \text{_____ m.}$
 A. 500 B. 5,000 C. 50,000 D. 500,000
- 23 $95 \text{ millimeters} = \text{_____ cm}$
 A. 9.5 B. 0.95 C. 0.0095 D. 0.095
- 24 $17.93 \text{ kg} = \text{_____ g.}$
 A. 179.3 B. 1.793 C. 17,930 D. 179,300
- 25 $7.5 \text{ kg} = \text{_____ g}$
 A. 75 B. 750 C. 7,500 D. 75,000
- 26 $0.725 \text{ kg} = \text{_____ g}$
 A. 725 B. 7,250 C. 72.5 D. 7.25
- 27 $19,625 \text{ gram} = \text{_____ kg}$
 A. 196.25 B. 19.625 C. 1,962.5 D. 1.9625
- 28 $700 \text{ g} = \text{_____ kg}$
 A. 0.7 B. 7 C. 0.07 D. 0.007
- 29 $67 \text{ g} = \text{_____ kg}$
 A. 67,000 B. 670 C. 6,700 D. 0.067
- 30 There are _____ L in 41,000 mL
 A. 410 B. 41 C. 410,000 D. 4

Units 5&6

Choose the correct answer

- 31 $3,465 \text{ mL} = \text{_____ L}$
 A. 3.465 B. 34.65 C. 346.5 D. 3,465
- 32 $3,200 \text{ mL} = \text{_____ L}$
 A. 320 B. 32 C. 3.2 D. 0.32
- 33 $36.2 \text{ mL} = \text{_____ L}$
 A. 36,200 C. 0.0362 D. 362
- 34 $3 \text{ liters} = \text{_____ millilitres.}$
 A. 30 B. 300 C. 3,000 D. 3
- 35 $0.48 \text{ Liter} = \text{_____ mL}$
 A. 0.048 B. 4.8 C. 48 D. 480
- 36 $2.5 \text{ L} = \text{_____ mL}$
 A. 2,500 B. 250 C. 25 D. 0.25
- 37 $7.5 \text{ L} - 1,500 \text{ mL} = \text{_____ L}$
 A. 6 B. 60 C. 600 D. 6,000
- 38 $14.12 \text{ kg} - 100 \text{ g} = \text{_____ kg}$
 A. 14.012 B. 1.412 C. 14.02 D. 141.2
- 39 $\frac{1}{4} \text{ kg} = \text{_____ g}$
 A. 250 B. 500 C. 125 D. 1
- 40 $2\frac{1}{2} \text{ days} = \text{_____ hours.}$
 A. 50 B. 60 C. 24 D. 48

Units 5&6

Choose the correct answer

- 41 20 pounds = _____ piasters.
A. 20 B. 200 C. 2,000 D. 2
- 42 Height of a building of ten floors where the height of each floor 280 cm is _____ m
A. 2,800 B. 280 C. 28 D. 2.8
- 43 The decimal point in the product of 0.01×0.1 is after _____ decimal places.
A. 1 B. 2 C. 3 D. 4
- 44 By using the fact $143 \times 6 = 858$, $1.43 \times 0.6 =$ _____
A. 8,580 B. 85.8 C. 8.58 D. 0.858
- 45 If $9 \times 4 = 36$, then $0.090 \times 0.4 =$ _____
A. 36 B. 3.6 C. 0.36 D. 0.036
- 46 $0.5 \times 0.5 =$ _____
A. 25 B. 2.5 C. 0.25 D. 0.025
- 47 $0.4 \times 0.2 =$ _____
A. 8 B. 0.8 C. 0.08 D. 0.008
- 48 $0.6 \times 0.5 =$ _____
A. 30 B. 3 C. 0.3 D. 0.65
- 49 $0.2 \times 1.12 =$ _____
A. 224 B. 22.4 C. 2.24 D. 0.224
- 50 $4.1 \times 1.1 =$ _____
A. 45.1 B. 451 C. 0.451 D. 4.51

Choose the correct answer

Units 5&6

51. 0.15×39.8 1.5×0.398
 A. > B. < C. =
52. 7.18×3.5 _____ 71.8×0.35
 A. > B. < C. =
53. $3.21 \times 0.9 \approx$ _____ [to the nearest Tenths]
 A. 2.889 B. 2.8 C. 2.9 D. 2.89
54. $8.43 \times 0.2 \approx$ _____ [to the nearest Hundredths]
 A. 1.686 B. 1.7 C. 1.69 D. 2
55. 3×5 Hundredths = _____
 A. 1.5 B. 0.15 C. 15 D. 0.015
56. 5 Thousandths $\times 4 =$ _____
 A. 0.02 B. 0.2 C. 2 D. 20
57. 3 Hundredths $\times 3 =$ _____
 A. 9 Hundreds B. 9 Hundredths C. 0.90 D. 9
58. 3 tenths $\times 4$ tenths = _____
 A. 12 tenths B. 12 hundredths C. 12 thousandths D. 12 ones
59. $2.6 \div 2 =$ _____
 A. 1.2 B. 1.3 C. 1.4 D. 0.13
60. $45.5 \div 5 =$ _____
 A. 0.91 B. 9.1 C. 91 D. 910

Units 5&6

Choose the correct answer

- 61 $3.2 \div 4 =$ _____
 A. 0.4 B. 0.6 C. 1.4 D. 0.8
- 62 $30.24 \div 3.6 =$ _____
 A. $3.024 \div 36$ B. $302.4 \div 36$ C. $302.4 \div 3.6$ D. $3,024 \div 36$
- 63 $1.5 \div 0.3 =$ _____
 A. 5 B. 0.5 C. 0.05 D. 0.005
- 64 $50.5 \div 0.5 =$ _____
 A. 1.01 B. 101 C. 11 D. 1.1
- 65 $0.35 \div 0.5 =$ _____
 A. 7 B. 0.007 C. 0.07 D. 0.7
- 66 $2 \div 0.4 =$ _____
 A. 2 B. 10 C. 5 D. 8
- 67 $3.6 \div 0.04 =$ _____
 A. 0.9 B. 90 C. 0.09 D. 0.009
- 68 $80 \div 0.08 =$ _____
 A. 10 B. 100 C. 1,000 D. 8,000
- 69 $462.3 \div 0.23$ $4,623 \div 2.3$
 A. > B. < C. =
- 70 30 days $\approx$ _____ weeks. [to the nearest week]
 A. 3 B. 4 C. 5 D. 6

Choose the correct answer

Units 5&6

- 71 $1.1 \div 1.3 \approx$ _____ [to the nearest Tenth]
 A. 0.8 B. 0.9 C. 0.84 D. 0.85
- 72 $8.3 \div 3 \approx$ _____ [to the nearest Hundredth]
 A. 2.7 B. 2.77 C. 2.8 D. 2.766
- 73 If the area model of a problem is $\begin{array}{r} 2 \quad 0.3 \\ 3 \times 0.9 \\ 0.8 \quad 1.6 \quad y \end{array}$, then $x + y =$ _____
 A. 6,240 B. 7.4 C. 6.24 D. 624
- 74 The first step in evaluating $28.1 - 3.5 \times 0.2 + 29 - 4$?
 A. $28.1 - 3.5$ B. 3.5×0.2 C. $0.2 + 29$ D. $29 - 4$
- 75 The second step to evaluate the expression : $9.3 \times 0.1 + 4.7 - 1.1$ is _____
 A. 9.3×0.1 B. 9.3×4.8 C. $0.93 + 4.7$ D. $0.93 + 1.1$
- 76 The first operation to solve $983 - 16 \div 8 + 11 \times 10$ is _____
 A. Add. B. Subtract. C. Multiply. D. divide.
- 77 $83 + 45 \div 9 - 5 =$ _____
 A. 23 B. 32 C. 80 D. 83
- 78 $6 + 2.4 \times 10 =$ _____
 A. 84 B. 0.84 C. 20 D. 30
- 79 $36 \div 9 + 0.6 =$ _____
 A. 4.6 B. 6.4 C. 10 D. 46
- 80 $4.5 \times 2 - 4.2 + 2.8 =$ _____
 A. 2 B. 7.6 C. 9 D. 6.7

Units 5&6

Choose the correct answer

- 81 $(7.5 - 4) \times 0.1 =$ _____
 A. 3.5 B. 35 C. 350 D. 0.35
- 82 $12 =$ _____
 A. $54 \div [3 + 6 \times 2]$ B. $[54 \div 3] + [6 \times 2]$ C. $54 \div [3 + 6] \times 2$ D. $54 \div [(3 + 6) \times 2]$
- 83 The next number in the pattern : 5 , 8 , 11 , 14 , ... is _____
 A. 15 B. 16 C. 17 D. 11
- 84 16 , 8 , 4 , _____ [in the same pattern]
 A. 4 B. 1 C. 2 D. 8
- 85 The following number in the pattern : 0 , 1 , 1 , 2 , 3 , 5 , 8 , 13 , ... is _____
 A. 21 B. 12 C. 20 D. 22
- 86 The next number in the pattern : 5 , 6.5 , 8 , 9.5 , ... is _____
 A. 10 B. 10.5 C. 11 D. 11.5
- 87 The rule of the pattern : 2 , 5 , 8 , 11 , ... is _____
 A. $n + 2$ B. $n + 3$ C. $n \times 3$ D. $n \times 3 - 1$
- 88 The pattern rule of : 35 , 31 , 27 , 23 , ... is _____
 A. $n - 2$ B. $n + 4$ C. $n \times 4$ D. $n - 4$
- 89 The rule of the pattern : 2 , 6 , 18 , 54 , ... is _____
 A. $n \times 2$ B. $n + 4$ C. $n \times 3$ D. $n \div 2$
- 90 The rule of the pattern : 100 , 50 , 25 , 12.5 , ... is _____
 A. $n \div 2$ B. $n \times 2$ C. $n - 50$ D. $n - 25$
- 91 The rule of the pattern : 1 , 2 , 5 , 14 , ... is _____
 A. $n + 1$ B. $n \times 2 - 1$ C. $n \times 3 - 1$ D. $n \times 2 + 1$

Units 5&6

Choose the correct answer

- 92 The missing number in the opposite pattern is _____
- A. 12 B. 15
C. 21 D. 28

input	output
4	9
5	11
6	13
7	....
8	17

- 93 In the following table, the rule of the pattern is _____
- A. $n + 1.5$
B. $n \times 2$
C. $n + 2$
D. $n \times 1.5$

Input	Output
3	4.5
4	6
5	7.5
6	9

- 94 If the input is 45, and the rule is " $n \div 5$ ", then the output is _____
- A. 6 B. 40 C. 9 D. 50
- 95 Subtract 4.1 from 6, then divide the result by 2 = _____
- A. $6 - 4.1 \div 2$ B. $[6 - 4.1] \div 2$ C. $10.1 \div 2$ D. $6 - [4.1 \div 2]$

- 96 Which expression matches the clue "Add 30 to 25 and divide the result by 0.5"
- A. $30 + 25 \div 0.5$ B. $0.5 \times [30 + 25]$ C. $[30 + 25] \div 0.5$ D. $30 \div 0.5 + 25$
- 97 Which expression matches the clue "Giovanni bought 60 fish. He put 5 fish in 9 bowles each". How many fish are left with Giovanni ?
- A. $[60 - 5] \times 9$ B. $[60 - 9] \times 5$ C. $60 + 5 \times 9$ D. $60 - 5 \times 9$

Units 5&6

Complete the following

- 1 $0 \div 31.564 =$ _____
- 2 $4.651 \div 1 =$ _____
- 3 $0.576 \times 100 =$ _____
- 4 $89.36 \div 100 = 89.36 \times$ _____
- 5 $360 \times 0.1 =$ _____
- 6 $14.14 \times 0.1 =$ _____
- 7 $81 \times 0.1 =$ _____
- 8 $123 \times 0.01 =$ _____
- 9 $513.2 \div 0.01 =$ _____
- 10 $4.321 \times$ _____ $= 432.1$
- 11 $3,257 \div$ _____ $= 32.57$
- 12 $0.39 \times$ _____ $= 0.039$
- 13 $0.75 \div$ _____ $= 750$
- 14 _____ $\times 0.01 = 5.324$
- 15 _____ $\div 0.01 = 327$
- 16 _____ $\div 100 = 14.652$
- 17 The number that if divided by 10 , the result is 96 is _____
- 18 $142 \text{ cm} = 142 \div$ _____ $=$ _____ m.
- 19 $145 \text{ cm} = 145 \times$ _____ $=$ _____ m.
- 20 $7.355 \text{ km} =$ _____ m
- 21 $36 \text{ cm} =$ _____ m
- 22 $4.5 \text{ kg} =$ _____ g
- 23 $15.4 \text{ grams} =$ _____ kg
- 24 $2,000 \text{ g} =$ _____ kg
- 25 $250 \text{ mL} =$ _____ L
- 26 $6 \text{ cm and } 5 \text{ mm} =$ _____ cm
- 27 $15.6 \text{ kg} + 1,800 \text{ g} =$ _____ kg.

Units 5&6

Complete the following

28 If $326 \times 7 = 2,282$, then $0.326 \times 7 =$ _____

29 If $19 \times 4 = 76$, then $1.9 \times 0.4 =$ _____

30 The product of: 0.3×0.4 is equal to _____

31 The product of $12.4 \times 0.3 =$ _____

32 The product of $14.5 \times 12 =$ _____

33 $12.34 \times 0.5 \approx$ _____ [to the nearest tenths]

34 $0.2 \times 0.3 =$ _____

35 $0.25 \times 4 =$ _____

36 The operation in the opposite area model is _____ $\times$ _____

	5	0.6
4	20	2.4
0.2	1.0	0.12

37 By using the opposite area model find :
 $m + n =$ _____

	2	0.7
m	6	2.1
0.4	0.8	n

38 $1.2 \div 0.4 =$ _____

39 $6.2 \div 0.62 =$ _____

Units 5&6

Complete the following

- 40 $84.24 \div 2 =$ _____
- 41 $245 \div 0.7 =$ _____
- 42 $11.11 \div 11 =$ _____
- 43 $8.8 \div 3.2 =$ _____
- 44 In the pattern : 1, 2, 4, 8, 16, _____ the rule is _____
- 45 In the pattern : 25, 30, 35, 40, ..., the rule is : _____
- 46 6, 12, 18, _____ [in the same pattern].
- 47 48, 24, 12, _____, _____ Rule : _____
- 48 7.7, 6.6, 5.5, 4.4, _____ [in the same pattern].
- 49 1.3, 1.7, 2.1, 2.5, _____, 3.3 [in the same pattern]
- 50 1.5, 3, 4.5, 6, _____ [in the same pattern]
- 51 In the rule $n + 4$, the input is 7, then the output is _____
- 52 The first operation to evaluate the expression :
 $[9.4 - 3.4] \div 2 + 55 \times 10$ is _____
- 53 Evaluate the expression : $9.3 + [0.427 \times 100] =$ _____
- 54 $1.6 \div 0.1 - 50 \times 0.1 =$ _____

Units 5&6

Answer the following

1 Compare the numbers using "> , < or =".

- | | | |
|----------------------------|----------------------|-------------------------|
| a. The value of 3 in 5.134 | <input type="text"/> | the value of 3 in 5.314 |
| b. 756.421×100 | <input type="text"/> | $756.421 \div 100$ |
| c. 637 Hundredths. | <input type="text"/> | 637×0.01 |
| d. 0.234×5 | <input type="text"/> | 23.4×0.5 |
| e. $690 \div 15$ | <input type="text"/> | $960 \div 15$ |
| f. $3,465 \div 5$ | <input type="text"/> | $3,465 \div 8$ |

2 Find the unknown letters in each of the following.

- a. $305.09 = 3 \times [m] + 5 + 9 \times [n]$
 b. $24.306 = 2 \times [k] + 4 + 3 \times [l] + 6 \times [r]$

3 Order each of the following from least to greatest.

- a. 0.65 km , 590 m , 0.8 km , 705 m
 b. 325.7 mL , 0.59 L , 806 mL , 0.55 L

4 Look at the area models, find the product.

a.

	2	0.5
?	14	?
0.4	?	0.2

product: _____

b.

	2	?	0.08
?	6	1.5	?
0.5	1	?	0.040

product: _____

Units 5&6

Answer the following

- 5 Use an area model to find. 1.2×3.25
- 6 By using the standard algorithm , find the product. 29.76×6.4
- 7 Find the quotient of each of the following.
 - a. $62.24 \div 16$
 - b. $7.4 \div 5.1$ [to the nearest Hundredths]
 - c. $7 \div 8$ [to the nearest Tenths]
- 8 Write the expression then, evaluate the expression.
 - a. Add 3.4 and 3.1 then multiply the result by 10 _____
 - b. Subtract 3.1 from 7.54 then divide by 4 _____
 - c. Multiply 5.4 by 100 , next add 18 , last divide the result by 9 _____
- 9 Ali bought 15 books if the price of one book is 4.25 L.E.
Find the price of all books.
- 10 Edward has 3.45 meters of wire that is cut into 15 equal pieces.
Find the length of each piece of wire ?
- 11 Giovanni walked 7.25 km in 10 days equally. What is the covered distance in meters did he walk in each day ?
- 12 Petra made 20.25 liters of mango juice. She sold 10.25 liters and divided the rest into 4 bottles equally. How much mango juice is in each bottle ?
- 13 If the weight of Hany , Wael and Heba are 85.7 kg , 94,560 g and 75.6 kg
What is the total of their weights ?
- 14 Mona made a liter of sugar can juice. She drank 570 milliliters. Her mother drank 0.33 Liters.
How much sugar can juice is remaining ?

**The Answers**

Choose the correct answer:

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. B | 2. B | 3. D | 4. D | 5. D |
| 6. B | 7. B | 8. A | 9. B | 10. C |
| 11. C | 12. A | 13. C | 14. C | 15. C |
| 16. C | 17. A | 18. B | 19. C | 20. C |
| 21. B | 22. C | 23. A | 24. C | 25. C |
| 26. A | 27. B | 28. A | 29. D | 30. B |
| 31. A | 32. C | 33. C | 34. C | 35. D |
| 36. A | 37. A | 38. C | 39. B | 40. A |
| 41. C | 42. C | 43. C | 44. D | 45. D |
| 46. C | 47. C | 48. C | 49. D | 50. D |
| 51. A | 52. C | 53. C | 54. C | 55. B |
| 56. A | 57. B | 58. B | 59. B | 60. B |
| 61. D | 62. B | 63. A | 64. B | 65. D |
| 66. C | 67. B | 68. C | 69. C | 70. B |
| 71. A | 72. B | 73. C | 74. B | 75. A |
| 76. D | 77. D | 78. D | 79. A | 80. A |
| 81. D | 82. C | 83. C | 84. C | 85. A |
| 86. C | 87. B | 88. D | 89. C | 90. A |
| 91. C | 92. B | 93. D | 94. C | 95. B |
| 96. C | 97. D | | | |

**The Answers**

Complete the following:

- | | | | |
|------------------------|------------------------|-----------------|------------|
| 1) 0 | 2) 4.651 | 3) 57.6 | 4) 0.01 |
| 5) 36 | 6) 1.414 | 7) 8.1 | 8) 1.23 |
| 9) 51,320 | 10) 100 | 11) 100 | 12) 0.1 |
| 13) 0.001 | 14) 532.4 | 15) 3.27 | 16) 1465.2 |
| 17) 960 | 18) 100 , 1.42 | 19) 0.01 , 1.45 | |
| 20) 7,355 | 21) 0.36 | 22) 4,500 | 23) 0.0154 |
| 24) 2 | 25) 0.25 | 26) 6.5 | 27) 17.4 |
| 28) 2.282 | 29) 0.76 | 30) 0.12 | 31) 3.72 |
| 32) 174 | 33) 6.17 $\approx$ 6.2 | 34) 0.06 | 35) 1 |
| 36) 4.2 X 5.6 | 37) 3.28 | 38) 3 | 39) 10 |
| 40) 42.12 | 41) 350 | 42) 1.01 | 43) 2.75 |
| 44) 32 , nx2 | 45) 45, n+5 | 46) 24 | |
| 47) 6 , 3 , $n \div 2$ | 48) 3.3 | 49) 2.9 | |
| 50) 7.5 | 51) 11 | 52) subtract | |
| 53) 52 | 54) 11 | | |

Answer the following:

- | | | | | | |
|------------------------------|---------------------------------------|------|------|------|------|
| 1) a. < | b. > | c. = | d. < | e. < | f. > |
| 2) a. $m = 100$, $n = 0.01$ | b. $k = 10$, $L = 0.1$, $r = 0.001$ | | | | |

The Answers

Answer the following:

3) a. 590 m , 0.65 km , 705 m , 0.8 km

b. 325.7 ml , 0.55 L , 0.59 L , 806 ml

4)

a.

	2	0.5
7	14	3.5
0.4	0.8	0.2

product: **18.5**

b.

	2	0.5	0.08
3	6	1.5	0.24
0.5	1	0.25	0.040

product: **9.03**

5) 3.9

6) 190.464

7) a. 3.89

b. 1.45

c. 0.9

8) a. $(3.4 + 3.1) \times 10$

b. $(7.54 - 3.1) \div 4$

c. $(5.4 \times 100 + 18) \div 9$

9) $4.25 \times 15 = 63.75$ L.E.

10) $3.45 \div 15 = 0.23$

11) $7.25 \div 10 = 0.725$ km $\times 1000 = 725$ m

12) $20.25 - 10.25 = 10$

$10 \div 4 = 2.5$ L

13) $85.7 + 94.56 + 75.6 = 255.86$ kg

14) $1000 \text{ ml} - 570 - 330 = 100 \text{ ml}$

شرح خطوات الحل على قناة



Math For Kids: Hoda Ismail

حمل الآن

مجاناً وحصرياً

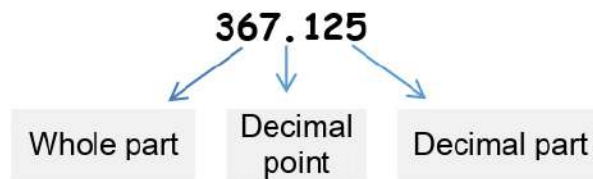
المراجعة رقم (5)

الترم الاول



Summary of unit 1

> Decimal number:



> Place value and value of decimal number:

367.125							
Place value	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
Value	300	60	7	.	0.1	0.02	0.005

> Reading decimal number:

135.46

Reading as: one hundred thirty-five **and** forty-six hundredths

3.075

Reading as: two **and** seventy five thousandths

> Converting decimal number:

✓ Convert from **fraction to decimal:**

• $4 \frac{356}{1,000} = \underline{\underline{4.356}}$ • $\frac{7}{100} = \underline{\underline{0.07}}$

✓ Convert from **unit to standard:**

- 4 tenths, 5 hundredths, 1 thousandths = **0.451**
- 3 hundredths, 6 thousandths = **0.036**

> Multiplying and dividing by 10 and 100:

✓ **Multiplying by 10**

EX: $3.5 \times 10 = 35$

- The decimal **point** moves one place to **right**
- Each **digit** moves one place to **left**
- The **value** of each digit **increases** 10 times.

✓ **Dividing by 10**

EX: $45.26 \div 10 = 4.526$

- The decimal **point** moves one place to **left**
- Each **digit** moves one place to **right**
- The **value** of each digit **decreases** 10 times.

> Forms of decimal number:

✓ Standard form:	42.365
✓ Decomposing form:	1st way (Expanded): $40 + 2 + 0.3 + 0.06 + 0.005$ 2nd way: $42 + 0.3 + 0.06 + 0.005$ 3rd way: $42 + 0.365$
✓ Word form:	Forty-two and three hundred sixty-five thousandths
✓ Unit form:	4 tens, 2 ones, 3 tenths, 6 hundredths, 5 thousandths

➤ Comparing decimals:

Ex: $2.35 < 4.18$

$$0.253 < 0.721$$
$$2.490 > 2.365$$

Rounding decimals:

✓ To the nearest **whole**
(ones):

EX: $64.72 \approx 65$

✓ To the nearest **tenth**
(one decimal plce):

EX: $0.628 \approx 0.6$

✓ To the nearest **hundredth**
(two decimal places):

EX: $23.495 \approx 23.50$

➤ Adding and subtracting decimals:

✓ **Adding decimals:**

EX: $36.254 + 1.48 = \dots\dots\dots$

$$\begin{array}{r} 36.254 \\ + 1.480 \\ \hline 37.734 \end{array}$$

✓ Subtracting decimals:

EX: $5.46 - 2.347 = \dots\dots\dots$

$$\begin{array}{r} 54.60 \\ - 23.47 \\ \hline 31.13 \end{array}$$

➤ Estimating adding or subtracting decimals:

✓ **Rounding estimation:**

- Round each number firstly ,then add or subtract

EX : estimate by rounding to the nearest whole:

$$3.27 + 0.54 = 3 + 1 = 4$$

✓ **Front-end estimation:**

- Write the first digit from left, then replace the rest digits by zeroes.

EX : estimate by using front end estimation:

$$23.24 + 0.4 = 20.00 + 0.0 = 20$$

✓ **Benchmark estimation:**

- Delete decimal part and Replace the tenths place by 0 , 5 or 10

EX : estimate by using benchmark:

$$1.6 + 2.9 = 1.5 + 3.0 = 4.5$$

➤ Decimal story problems:

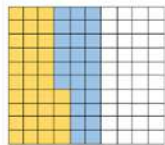
- Addition keywords (+): [sum - together - all - total]
- Subtraction keywords (-): [difference - more than - remain - rest - left]

اسئلة من امتحانات المحافظات

(1) Choose the correct answer:

- 1) The place value of the digit 3 in the number 15.32 is
a. Ones b. Hundreds c. Tenths d. Thousandths
- 2) The value of the digit 4 in the number 3.514 is
a. 40,000 b. 400 c. 0.4 d. 0.004

- 3) Sixty-four and sixty-four thousandths =
 a. 46.046 b. 64.064 c. 64.64 d. 46.46
- 4) $\frac{469}{1,000} = \dots\dots\dots$
 a. 4.96 b. 0.469 c. 459 d. 4.69
- 5) The decimal fraction 0.053 reads
 a. Fifty-three hundredths b. Fifty-three hundreds
 c. Thirty-five hundredths d. Fifty-three thousandths
- 6) $30 + 0.04 + 0.005 = \dots\dots\dots$
 a. 30.045 b. 30.45 c. 30.405 d. 30.504
- 7) $489.51 = 489 + \dots\dots\dots$
 a. 0.51 b. 51 c. 1.51 d. 5.1
- 8) 6 ones + 5 tenths + 7 thousandths =
 a. 0.756 b. 6.507 c. 657 d. 6,507
- 9) 8 hundredths equivalent to thousandths
 a. 80 b. 8 c. 800 d. 0.008
- 10) $3.7 \times 100 = \dots\dots\dots$
 a. 37 b. 370 c. 3,700 d. 0.37
- 11) $65.2 \div 10 = \dots\dots\dots$
 a. 0.652 b. 65.2 c. 6.52 d. 652
- 12) $2.13 \times \dots\dots\dots = 2,130$
 a. 10 b. 100 c. 1,000 d. 10,000
- 13) $23.4 \div \dots\dots\dots = 2.34$
 a. 10 b. 100 c. 1,000 d. 10,000
- 14) 36.5 35.6
 a. > b. < c. = d. Otherwise
- 15) 25.12 25.056
 a. > b. < c. = d. Otherwise
- 16) $0.004 \dots\dots\dots \frac{4}{1,000}$
 a. > b. < c. = d. Otherwise

- 17) $5.36 > \dots\dots\dots$
 a. 5.37 b. 5.362 c. 5.366 d. 3.561
- 18) The smallest decimal number from the following is
 a. 8.8 b. 8.90 c. 8.1 d. 7.5
- 19) Which digit can be placed in the square to make the mathematical expression is correct?
 $348.389 < 34 \square .13$
 a. 5 b. 6 c. 8 d. 9
- 20) $18.58 \approx \dots\dots\dots$ [to the nearest whole number]
 a. 59 b. 19 c. 18 d. 18.6
- 21) $1.450 \approx \dots\dots\dots$ [to the nearest tenth]
 a. 10 b. 1 c. 1.5 d. 15
- 22) $3.649 \approx \dots\dots\dots$ [to the nearest 2 decimal places]
 a. 3.74 b. 3.65 c. 3.54 d. 4.6
- 23) The rounding of the decimal number 9.325 to the nearest is 9.33
 a. Tenth b. Hundredth c. Thousandth d. Whole
- 24) $4.14 + 3.05 = \dots\dots\dots$
 a. 7.58 b. 1.19 c. 7.19 d. 740
- 25) $45.9 - 13.33 = \dots\dots\dots$
 a. 34.7 b. 35.1 c. 20.1 d. 32.57
- 26) Which of the following expressions represent the opposite model?
 a. $0.32 + 0.2$ b. $0.34 + 0.26$
 c. $0.27 + 0.33$ d. $0.24 + 0.36$
- 
- 27) 8 hundredths – 5 hundredths =
 a. 3 b. 300 c. 0.3 d. 0.03
- 28) 5 tenths – 35 hundredths = hundredths
 a. 15 b. 35 c. 30 d. 5
- 29) The estimate of the sum of $35.762 + 63.014$ is
 a. 99 b. 80 c. 98.76 d. 110

- 30) The estimation of $0.5 + 0.7$ by rounding to the nearest whole is
a. 1 b. 2 c. 1.2 d. 0.3
- 31) The estimation of $0.91 + 2.52$ by using benchmark strategy is
a. 2 b. 3 c. 2.5 d. 3.5
- 32) The estimation of $37.42 - 11.42$ by using front-end strategy is
a. 20 b. 26 c. 30 d. 36
- 33) = $90 + 6 + 0.07$
a. 96.7 b. 96.07 c. 9.67 d. 9.067
- 34) $0.2 + \dots = 7.2$
a. 7 b. 0.7 c. 70 d. 0.007
- 35) If multiply decimal number by 10, then decimal point will move to
a. Left b. Right c. Not move d. Other
- 36) $0.12 \times 10 \dots 2.1 \times 10$
a. > b. < c. = d. Otherwise
- 37) $\times 5 = 5,000$
a. 100 b. 1,000 c. 10,000 d. 100,000
- 38) The benchmark of 0.85 is
a. 0.5 b. 1 c. 0 d. 85
- 39) $0.05 + 0.05 = \dots$
a. 0.55 b. 0.1 c. 10 d. 5.5
- 40) 7 tenths + 3 tenths =
a. 1 b. 10 c. 100 d. 1,000

(2) Complete:

- 1) The value of the digit 6 in the number 36.059 is
- 2) The place value of the digit 7 in the number 91.374 is
- 3) The digit in the hundredth place in the number 3.456 is
- 4) 6 tenths = hundredths
- 5) The number of tenths in the decimal fraction 0.76 equal tenths

- 6) Thirty-six and twenty five hundredths in digits is
- 7) The number $4 + 0.2 + \frac{4}{100} + \frac{9}{1,000}$ in standard form is
- 8) 3.06 in word form is
- 9) $3 + 3 \text{ tenths} + 3 \text{ hundredths} = \dots\dots\dots$
- 10) $40 + 8 + 0.5 + 0.06 = \dots\dots\dots$
- 11) $78.65 \times 10 = \dots\dots\dots$
- 12) $73.68 \div \dots\dots\dots = 7.368$
- 13) The rounding of the number 35.546 to the nearest hundredth is
- 14) $5.238 + 3.65 = \dots\dots\dots$
- 15) $8.659 - 4.32 = \dots\dots\dots$
- 16) The estimation of $26.32 + 39.9$ by rounding to the nearest whole is
- 17) 5 thousandths + 73 hundredths = thousandths
- 18) $1,000 \times \dots\dots\dots = 60,000$

3) Answer the following:

- 1) Decompose the number 80.507 using the expanded form
.....
- 2) Ola saved 17.25 pounds, and her brother saved 8.5 pounds. Find the sum they saved
.....
- 3) Ahmed catches a fish its length is 22.5 cm and Assem catches a fish its length is 13.2 cm. find the difference between the lengths of the two fish.
.....
- 4) Two gold bars , if the weight of the first is 3.39 kg and the weight of the second is 6.08 kg, Calculate the weight of the two gold bars.
.....
- 5) Which is greater 3,508.42 or 358.32?
.....
- 6) Order from least to the greatest: 0.096 , 2.56 , 1.26 , 0.27
.....
- 7) Order from greatest to smallest: 80.21 , 8.102 , 80.012 , 80.09
.....

Summary of unit 2

➤ Equation and expression:

✓ Mathematical expression:	Doesn't contain equal sign	EX: • $m + 3.5$ • $3.2 + 5.61$
✓ Equation:	contains the equal sign " $=$ "	EX: • $x + 3 = 5$

➤ Equation and variable:

Equation:	$3.5 - x = 2.4$			
Variable:	The symbol or letter in the equation EX: x, y, z, m, n,			
Solving equation:	find the value of the variable in the equation			
EX: $m + 2.31 = 5.64$ Sol: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>5.67</td></tr><tr><td>m 2.31</td></tr></table> $m = 5.67 - 2.31$ $m = 3.36$	5.67	m 2.31	EX: $x - 4.35 = 1.24$ Sol: $x = 4.35 + 1.24$ $x = 5.59$	EX: $5.2 + \dots = 8.4$ Sol: $8.4 - 5.2 = 3.2$
5.67				
m 2.31				

➤ Writing equation:

- **Addition key words(+):** plus, add, sum, increase
- **Subtraction keywords (-):** subtract, difference, decrease, remain, rest, more than

EX: If we add a number to 1.6 the sum is 4.8

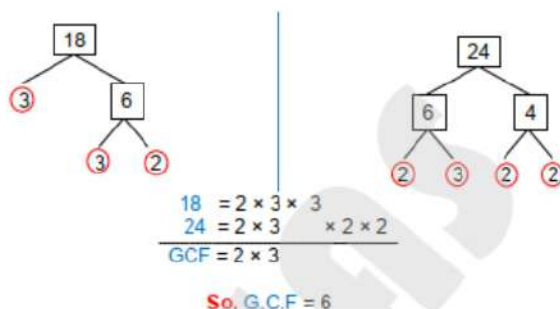
Sol: $m + 1.6 = 4.8$

➤ Factors and multiples:

• Find G.C.F

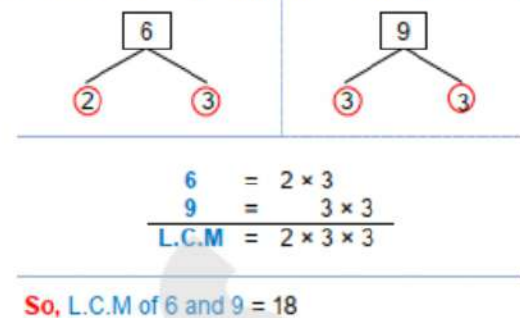
EX: Find the greatest common factor of the numbers 18 and 24

Sol:



• Find L.C.M

EX: Find the least common multiple of the numbers 6 and 9



- The **prime** number has only **two factors** (1 and it self)

EX:
$$\begin{array}{r|l} 5 & \\ 1 & 5 \end{array}$$

- The **composite** number has **more than two** factors

EX:
$$\begin{array}{r|l} 8 & \\ 1 & 8 \\ 2 & 4 \end{array}$$

- To find a number from its prime factors , **multiply their prime factors**

EX: the number that its prime factors 2, 2, 3 is **12**

- The **prime** numbers: **2, 3, 5, 7, 11, 13, 17,**
- The only **even prime** number is **2**
- The **smallest prime** number is **2**
- The **smallest odd prime** number is **3**
- The **common factor** of all numbers is **1**
- The **common multiple** of all numbers is **0**
- The **G.C.F** of any **two prime** numbers is **1**
- The **L.C.M** of any **two prime** numbers is **their product**

➤ **Relation between factors and multiples:**

- Any number** is a **factor** and **multiple** of **itself**

Ex: $1 \times 6 = 6$ $2 \times 3 = 6$

- 1, 6, 2, 3** are **factors** of **6**
- 6** is a **multiple** of each of **1, 6, 2, 3**

$$\begin{array}{ccccc} 2 & \times & 3 & = & 6 \\ \downarrow & & \downarrow & & \downarrow \\ \text{factor} & & \text{factor} & & \text{multiple} \end{array}$$

اسئلة من امتحانات المحافظات

(1) Choose the correct answer:

- 1) Which of the following represents an equation

a. $4.8 + 2.5$ b. $x - 5 = 3.14$ c. $y + 4.8$ d. $9 - b$

- 2) $y + 12$ is called

a. Expression b. Equation c. Place value d. Value

- 3) The variable in the equation $56.4 + x = 96$ is

a. 56.4 b. x c. 96 d. 6.5

- 4) Which of the following equations represent the mathematic operation:
[6 plus a number equal 11]?

a. $B - 11 = 6$ b. $B - 6 = 11$ c. $6 + 11 = B$ d. $6 + B = 11$

- 5) The value of variable $x + 4.5 = 8$ is
a. 35 b. 4.5 c. 3.5 d. 5.5

- 6) By using the bar model: the value of m is

- a. 2.8 b. 1.64
c. 1.8 d. 0.36

3.16	
m	2.8

- 7) The number 7 has factors.

- a. 1 b. 2 c. 3 d. 4

- 8) is the only even prime number

- a. 0 b. 1 c. 2 d. 3

- 9) The prime factors of the number 18 are

- a. 2, 2 and 3 b. 2,3 and 3 c. 6 and 2 d. 4 and 3

- 10) The number whose its prime factors are 2,2,3 is

- a. 7 b. 8 c. 12 d. 18

- 11) The common factor of all numbers is

- a. 0 b. 1 c. 2 d. 3

- 12) The number where the sum of its factor is 8 is

- a. 2 b. 3 c. 5 d. 7

- 13) The prime factors of 12 are

- a. 2,2 and 3 b. 1,2 and 3 c. 2, 3, 5 d. 2, 3, 4

- 14) The G.C.F of 20 and 30 is

- a. 1 b. 4 c. 5 d. 10

- 15) The G.C.F of 5 and 7 is

- a. 12 b. 35 c. 1 d. 0

- 16) The number is a multiple of 5

- a. 6 b. 9 c. 37 d. 20

- 17) The number is a common multiple of 3 and 5 together.

- a. 10 b. 8 c. 15 d. 20

- 18) The multiple of any number is

- a. 0 b. 1 c. 2 d. 3

- 19) The L.C.M of 5 and 10 is
 a. 5 b. 10 c. 15 d. 20
- 20) The L.C.M of 2 and 7 is
 a. 2 b. 7 c. 14 d. 9

(2) Complete:

- 1) The variable in the equation $x + 5 = 9$ is
- 2) If $y + 1.2 = 7.5$, then $y =$
- 3) If $a - 1.241 = 0.213$, then $a =$
- 4) In the bar model

	30.8
a	19.5

, the value of $a =$
- 5) The equation which represents the model is

	6.5
p	3.2
- 6) The number whose prime factors are 2,2,5 is
- 7) The number 11 has factors
- 8) The G.C.F of 16 and 24 is
- 9) The G.C.F of 2 and 3 is
- 10) The L.C.M of 6 and 12 is
- 11) The number is a factor of all numbers
- 12) is a multiple of all numbers

(3) Answer the following:

- 1) Find the greatest common factor [G.C.F] of 12 and 18

- 2) Write the prime factors of 35 and 28, then find the G.C.F for them.

- 3) Find L.C.M for the two numbers 8 and 12

- 4) Find the L.C.M and G.C.F for the two numbers 6 and 10

Summary of unit 3

➤ Multiplying by a 2-digit number:

1. Area model:	2. Distributive property:	3. Standard algorithm
32×46	53×68	37×42
$\begin{array}{r} 30 \quad 2 \\ 40 \begin{array}{|c|c|} \hline 1,200 & 80 \\ \hline \end{array} \\ 6 \begin{array}{|c|c|} \hline 180 & 12 \\ \hline \end{array} \\ \hline 1,472 \end{array}$	$\begin{aligned} 53 \times 68 &= (50 + 3) \times (60 + 8) \\ &= (50 \times 60) + (50 \times 8) + (3 \times 60) + (3 \times 8) \\ &= 3,000 + 400 + 180 + 24 \\ &= \underline{3,604} \end{aligned}$	$\begin{array}{r} 2 \\ 1 \\ 37 \\ \times 42 \\ \hline 74 \\ + 1480 \\ \hline 1,554 \end{array}$

➤ Estimate the product:

1. Round to the greatest place value:	2. Front-end estimation strategy:
EX: 32×574 Estimate: $30 \times 600 = 18,000$	EX: 43×382 Estimate: $40 \times 300 = 12,000$

اسئلة من امتحانات المحافظات

(1) Choose the correct answer:

1) $(3 \times 61) + (5 \times 61) = \dots \times 61$

a. 53

b. 35

c. 8

d. 6

2) $(40 \times 23) + (2 \times 23) = \dots \times 23$

a. 24

b. 42

c. 8

d. 6

3) $(11 \times 3) + (11 \times 20) + (11 \times 100) = 11 \times \dots$

a. 123

b. 321

c. 213

d. 210

4) The area model of multiplication equation: 26×18 is

a.
$$\begin{array}{r} 2 \quad 6 \\ 1 \begin{array}{|c|c|} \hline 2 & 6 \\ \hline \end{array} \\ 8 \begin{array}{|c|c|} \hline 16 & 48 \\ \hline \end{array} \end{array}$$

b.
$$\begin{array}{r} 20 \quad 6 \\ 10 \begin{array}{|c|c|} \hline 2 & 60 \\ \hline \end{array} \\ 8 \begin{array}{|c|c|} \hline 160 & 480 \\ \hline \end{array} \end{array}$$

c.
$$\begin{array}{r} 20 \quad 6 \\ 10 \begin{array}{|c|c|} \hline 200 & 60 \\ \hline \end{array} \\ 8 \begin{array}{|c|c|} \hline 160 & 48 \\ \hline \end{array} \end{array}$$

d.
$$\begin{array}{r} 80 \quad 2 \\ 10 \begin{array}{|c|c|} \hline 800 & 20 \\ \hline \end{array} \\ 6 \begin{array}{|c|c|} \hline 480 & 12 \\ \hline \end{array} \end{array}$$

5) The missing number in the opposite area model is

- a. 6 b. 60
c. 600 d. 500

	20	5
30	.....	150
2	40	10

6) From the opposite model, the value of y is

- a. 300×6 b. 60×6
c. 4×6 d. 60×30

	300	60	4
30	9,000	1,800	120
6	1,800	y	24

7) The opposite area model represents multiplication problem:

- a. 25×34 b. 25×43
c. 52×43 d. 52×34

	20	5
40	800	200
3	60	15

8) Estimate of the product of 971×23 is

- a. 20,000 b. 8,000 c. 2,000 d. 20

9) The result of estimation of: 603×97 by using rounding to the nearest ten is

- a. 600 b. 6,000 c. 60,000 d. 7,000

10) $23 \times \dots = 2,300$

- a. 10 b. 100 c. 1,000 d. 10,000

11) $45 \times 33 = \dots$

- a. 1,845 b. 1,485 c. 1,548 d. 8,154

12) A train consist of 12 wagons, each wagon has 48 seats, then the number of seats in the train = seat

- a. 4 b. 36 c. 60 d. 576

13) If $5 \times v = 45$, then $v = \dots$

- a. 5 b. 9 c. 30 d. 1

14) A shoes costs 400 L.E, which is 4 times as much as shirt costs, then a shirt costs = L.E

- a. 500 b. 396 c. 300 d. 100

(2) Complete:

- 1) $234 \times 57 = (200 \times 50) + (200 \times 7) + (30 \times 50) + (30 \times \dots) + (4 \times 50) + (4 \times 7)$
- 2) $43 \times 26 = (3 \times 6) + (3 \times 20) + (40 \times 6) + (40 \times \dots)$
- 3) $78 \times \dots = (3 \times 8) + (20 \times 8) + (3 \times 70) + (20 \times 70)$
- 4) $9 \times 27 = (9 \times \dots) + (9 \times 7)$
- 5) $(6 \times 87) + (2 \times 87) = \dots \times 87$
- 6) $130 \times 30 = \dots$
- 7) $4,231 \times 3 = \dots$
- 8) Sara bought 36 books for 100 L.E each. She paid = $\dots$
- 9) If $4 \times m = 16$, then the value of $m = \dots$
- 10) $\dots \times 9 = 900,000$
- 11) The product of 899×11 is closer to the product of $\dots \times \dots$
- 12) The ones digit of the product $2,145 \times 32$ will be $\dots$

(3) Answer the following:

- 1) A group of 48 people want to travel by bus. Each bus ticket costs 175 L.E. How much do they need to pay in all?
.....
- 2) Ahmed has 300 pounds to spend on new clothes. If he bought 12 pair of socks for 18 pounds a pair. How much money will he have left to spend?
.....
- 3) Youssef walk every day 5 km, if he walk 154 days in the year. How many kilometers did he walk?
.....

Summary of unit 4

➤ dividing by a 2-digit number:

1. Area model

$$1,625 \div 13$$

	100	20	5
13	$\begin{array}{r} 1,625 \\ - 1,300 \\ \hline 325 \end{array}$	$\begin{array}{r} 12 \\ - 260 \\ \hline 65 \end{array}$	$\begin{array}{r} 65 \\ - 65 \\ \hline 00 \end{array}$

$$\begin{aligned} 13 \times 1 &= 13 \\ 13 \times 2 &= 26 \\ 13 \times 3 &= 39 \\ 13 \times 4 &= 52 \\ 13 \times 5 &= 65 \\ 13 \times 6 &= 78 \\ 13 \times 7 &= 91 \\ 13 \times 8 &= 104 \\ 13 \times 9 &= 117 \\ 13 \times 10 &= 130 \end{aligned}$$

$$1,625 \div 13 = 125$$

2. Standard algorithm

$$1,625 \div 13$$

$\begin{array}{r} 125 \\ 13 \overline{) 1,625} \\ \underline{- 13} \\ 32 \\ \underline{- 26} \\ 65 \\ \underline{- 65} \\ 00 \end{array}$	$\begin{array}{r} 13 \times 1 = 13 \\ \hline 13 \times 2 = 26 \\ \hline 13 \times 3 = 39 \\ \hline 13 \times 4 = 52 \\ \hline 13 \times 5 = 65 \\ \hline 13 \times 6 = 78 \\ \hline 13 \times 7 = 91 \\ \hline 13 \times 8 = 104 \\ \hline 13 \times 9 = 117 \\ \hline 13 \times 10 = 130 \end{array}$	$\begin{array}{r} 16 \\ 32 \\ \hline 65 \end{array}$
--	--	--

$$1,625 \div 13 = 125$$

➤ Estimate the quotient:

EX: estimate the quotients of each of the following:

$$8,325 \div 18$$

$$\text{Estimate: } 8,000 \div 20 = 400$$

$$11,721 \div 42$$

$$\text{Estimate: } 12,000 \div 40 = 300$$

➤ Relation between multiplication and division:

$$\text{Dividend} = (\text{divisor} \times \text{quotient}) + \text{remainder}$$

$$7,704 \div 35$$

$\begin{array}{r} 220 \\ 35 \overline{) 7,704} \\ \underline{- 70} \\ 70 \\ \underline{- 70} \\ 04 \end{array}$	$\begin{array}{r} 35 \times 1 = 35 \\ 35 \times 2 = 70 \\ 35 \times 3 = 105 \\ 35 \times 4 = 140 \\ 35 \times 5 = 175 \\ 35 \times 6 = 210 \end{array}$	$\begin{array}{r} 70 \\ 77 \end{array}$
--	---	---

$$\begin{array}{ccccccc} 7,704 & = & 35 & \times & 220 & + & 4 \\ \text{dividend} & & \text{divisor} & & \text{quotient} & & \text{remainder} \end{array}$$

$$7,704 \div 35 = 220 \text{ R } 4$$

➤ Operations keywords:

- **Addition** keywords (+): add – sum – together – all – total
- **Subtraction** keywords (-): difference – remain – left – rest – decrease – more than
- **Multiplication** keywords (×): multiply – product – times
- **Division** keywords (÷): divide – distribute – split – cut into

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(1) Choose the correct answer:

1) The divisor in $216 \div 43 = 5 \text{ R}1$ is

- a. 216 b. 43 c. 5 d. 1

2) $640 \div \dots = 640$

- a. 0 b. 1 c. 10 d. 100

3) $29 \div 4 = 7 \text{ R} \dots$

- a. 0 b. 1 c. 2 d. 3

4) $1,515 \div 15 = \dots$

- a. 11 b. 101 c. 1,001 d. 15

5) If $3,012 \div 12 = 251$, then $251 \times 12 = \dots$

- a. 3,012 b. 3,013 c. 3,014 d. 3,015

6) Quotient of $7,668 \div 54$ is

- a. 142 b. 124 c. 214 d. 241

7) If $26 \times 352 = 9,152$, then $9,155 \div 26 = \dots$

- a. 352 b. 352 R1 c. 352 R2 d. 352 R3

8) $4,150 \div 29 = 143 \text{ R} \dots$

- a. 4 b. 2 c. 1 d. 3

9) From the opposite model, the quotient is

- a. 5 b. 20
c. 100 d. 125

	100	20	5
	625	125	25
5	- 500	- 100	- 25
	125	25	00

10) The division equation which represents the opposite area model is

- a. $975 \div 25 = 39$ b. $39 \div 25 = 975$
 c. $975 \div 25 = 38$ d. $975 \div 25 = 31$

	30	8	1
	975	225	25
25	- 750	- 200	- 25
	225	25	00

11) The divisor in the opposite area model is

- a. 100 b. 50
 c. 7 d. 150

	100	50
	1,050	350
7	- 700	- 350
	350	000

12) The remainder in the opposite model is

- a. 216 b. 15
 c. 3,248 d. 8

	200	10	6
	3,248	248	98
15	- 3,000	- 150	- 90
	248	98	08

(2) Complete:

- 1) If $325 \div 25 = 13$, then 25 is called
- 2) If $676 \div 52 = 13$, then the dividend is
- 3) The quotient in $480 \div 10 = 48$ is
- 4) The quotient of $54 \div 5 = 10$, then the remainder is
- 5) The remainder of divided 17 by 5 is
- 6) $34 \div 4 = 8 \text{ R } \dots\dots\dots$
- 7) $45 \div 5 = 9 \text{ R } \dots\dots\dots$
- 8) $0 \div 23 = \dots\dots\dots$
- 9) $120 \div 20 = \dots\dots\dots$
- 10) $1,227 \div 12 = \dots\dots\dots \text{ R } \dots\dots\dots$

(3) Answer the following:

- 1) A school distributed 840 books among 15 classes equally, find number of books in each class?
.....
- 2) A teacher wants to distribute 510 prizes to 5 classes equally. How many prizes per each class?
.....
- 3) Find the quotient of division $11 \div 7$
.....
- 4) If 18 plums are packed each 3 in a bag, then how many bags will be there?
.....
- 5) Distribute 3,600 L.E. between 9 persons equally. How much every one take?
.....
- 6) If 165 passengers travel to Cairo by private cars, if the number of passengers in each car is 11 passengers, what is the number of cars to transport all the passengers?
.....
- 7) A charity wants to distribute 3,125 pounds into 25 persons equally. What's the share of each person?
.....

Summary of unit 5

➤ Multiplying and dividing by powers of 10:

• $\times 10, 100, 1000$	• $\times 0.1, 0.01, 0.001$	• $\div 10, 100, 1000$	• $\div 0.1, 0.01, 0.001$
Move the decimal point to the right	Move the decimal point to the left	Move the decimal point to the left	Move the decimal point to the right
EX: $1.562 \times 10 = 15.62$	EX: $345.3 \times 0.01 = 3.453$	EX: $45 \div 10 = 4.5$	EX: $3.5 \times 0.01 = 350$

➤ Decimals and metric system:

• Measuring length :	• Measuring mass (weight) :	• Measuring capacity :
Km _ _ m _ _ cm _ mm	Kg _ _ g	L _ _ ml
EX: $2.5 \text{ km} = 2,500 \text{ m}$ EX: $75.8 \text{ mm} = 7.58 \text{ cm}$	EX: $2.35 \text{ kg} = 2,350 \text{ g}$ EX: $23.7 \text{ g} = 0.0237 \text{ kg}$	EX: $3.52 \text{ L} = 3,520 \text{ ml}$ EX: $12,350 \text{ ml} = 12.35 \text{ L}$

➤ Multiplying decimals:

EX: $0.4 \times 3 = \dots\dots$	EX: $0.3 \times 0.6 = \dots\dots$	EX: $37.4 \times 6.2 = \dots\dots$
$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$ $0.4 \times 3 = 1.2$ 1 decimal 0 decimal 1 decimal	$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$ $0.3 \times 0.6 = 0.18$ 1 decimal 1 decimal 2 decimal	$\begin{array}{r} 42 \\ 1 \\ \times 374 \\ 62 \\ \hline 1748 \\ + 22440 \\ \hline 23188 \end{array}$ $37.4 \times 6.2 = 231.88$ 1 decimal 1 decimal 2 decimal

➤ Dividing decimals:

EX: $51.84 \div 16 = \dots\dots$	EX: $58.5 \div 18 = \dots\dots$	EX: $8.856 \div 3.6 = \dots\dots$
$16 \times 1 = 16$ $16 \times 2 = 32$ $16 \times 3 = 48$ $16 \times 4 = 64$ $16 \times 5 = 80$ $16 \times 6 = 96$ $\begin{array}{r} 3.24 \\ 16 \overline{) 51.84} \\ \underline{- 48} \\ 038 \\ \underline{- 32} \\ 064 \\ \underline{- 64} \\ 00 \end{array}$	$18 \times 1 = 18$ $18 \times 2 = 36$ $18 \times 3 = 54$ $18 \times 4 = 72$ $18 \times 5 = 90$ $18 \times 6 = 108$ $\begin{array}{r} 3.25 \\ 18 \overline{) 58.50} \\ \underline{- 54} \\ 045 \\ \underline{- 36} \\ 90 \\ \underline{- 90} \\ 00 \end{array}$	$36 \times 1 = 36$ $36 \times 2 = 72$ $36 \times 3 = 108$ $36 \times 4 = 144$ $36 \times 5 = 180$ $36 \times 6 = 216$ $\begin{array}{r} 2.46 \\ 36 \overline{) 88.56} \\ \underline{- 72} \\ 165 \\ \underline{- 144} \\ 216 \\ \underline{- 216} \\ 000 \end{array}$

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(1) Choose the correct answer:

1) $85.3 \times 0.01 = \dots\dots\dots$

a. 853

b. 8.53

c. 0.853

d. 85.03

2) $2 \text{ thousandths} \times 4 = \dots\dots\dots$

a. 8

b. 0.8

c. 0.08

d. 0.008

3) $35.2 \times \frac{1}{10} = \dots\dots\dots$

a. 35.20

b. 35.02

c. 3.52

d. 30.52

4) $2.51 \times \dots\dots\dots = 0.251$

a. 0.1

b. 0.01

c. 0.001

d. 10

5) $0.1 \times 0.1 = \dots\dots\dots$

a. 0.03

b. 0.02

c. 0.01

d. 0.2

6) $3 \text{ hundredths} \times 3 = \dots\dots\dots$

a. 9 hundreds

b. 9 hundredths

c. 0.90

d. 9

7) $3 \text{ tenths} \times 4 \text{ tenths} = \dots\dots\dots$

a. 12 tenths

b. 12 hundredths

c. 12 thousandths

d. 12 ones

8) $3 \times 2 \text{ thousandths} = \dots\dots\dots \text{ thousandths}$

a. 5

b. 6

c. 32

d. 23

9) The product of $0.9 \times 5 = \dots\dots\dots$

a. 0.45

b. 4.5

c. 5.4

d. 45

10) $3.1 \times 1.1 = \dots\dots\dots$

a. 34.1

b. 341

c. 0.341

d. 3.41

11) Since $35 \times 47 = 1,645$, then $3.5 \times 0.47 = \dots\dots\dots$

a. 164.5

b. 16.45

c. 1.645

d. 1,645

12) From the area model, $m = \dots\dots\dots$

a. 20

b. 0.02

c. 0.2

d. 2

	4	0.3
2	8	0.6
0.5	m	0.15

- 13)** 9.13×3.5 91.3×0.35
 a. > b. < c. = d. Otherwise
- 14)** $0.7 \text{ m} =$ cm
 a. 7 b. 70 c. 700 d. 7,000
- 15)** $17.6 \text{ kg} =$ g
 a. 0.176 b. 1.76 c. 1,760 d. 17,600
- 16)** $3.5 \text{ L} - 1,500 \text{ ml} =$ L
 a. 2 b. 20 c. 200 d. 2,000
- 17)** Aya ran a 5 kilometers race. How many meters did she run?
 a. 50 b. 500 c. 5,000 d. 0.005
- 18)** There are milliliters in 18 liters
 a. 18 b. 180 c. 1,800 d. 18,000
- 19)** $32.59 \div 0.1 =$
 a. 3.259 b. 32.59 c. 325.9 d. 3,259
- 20)** $85.3 \div \frac{1}{100} =$
 a. 8,530 b. 8.53 c. 0.853 d. 85,300
- 21)** $3,200 \text{ ml} =$ L
 a. 320 b. 32 c. 3.2 d. 0.23
- 22)** There are 30,000 grams in kilograms
 a. 3 b. 3,000 c. 30 d. 300
- 23)** $80 \div 0.08 =$
 a. 10 b. 100 c. 1,000 d. 8,000
- 24)** $32.5 \div$ = 100
 a. 3.25 b. 0.0325 c. 0.325 d. 325
- 25)** $462.3 \div 0.23$ $4,623 \div 2.3$
 a. > b. < c. = d. Otherwise
- 26)** 30 days $\approx$ weeks [to the nearest week]
 a. 3 b. 4 c. 5 d. 6

- 27) $35 \div 0.7 = \dots\dots$
 a. 50 b. 70 c. 0.7 d. 0.5
- 28) $90 \div 0.03 = \dots\dots$
 a. 3,000 b. 30 c. 300 d. 3
- 29) $1.5 \div 0.5 = \dots\dots$
 a. 5 b. 3 c. 0.5 d. 0.3
- 30) $25.25 \div 0.25 = \dots\dots$
 a. 11 b. 101 c. 110 d. 111
- 31) 700 g = $\dots\dots$ kg
 a. 0.7 b. 7 c. 0.07 d. 0.007
- 32) $8.43 \times 0.2 \approx \dots\dots$ [to the nearest hundredths]
 a. 1.686 b. 1.7 c. 1.69 d. 2
- 33) $7.18 \times 3.5 \dots\dots 71.8 \times 0.35$
 a. > b. < c. = d. Otherwise
- 34) $461.12 \div 10 = \dots\dots$
 a. 4.6112 b. 46.112 c. 461.12 d. 4611.2
- 35) $6.345 \div 0.01 = \dots\dots$
 a. 6,345 b. 0.06345 c. 634.5 d. 63,450
- 36) $2 \div 0.4 = \dots\dots$
 a. 2 b. 10 c. 5 d. 8
- 37) The divisor in the equation $1.8 \div 6 = 0.3$ is $\dots\dots$
 a. 0.3 b. 1.8 c. 6 d. 3
- 38) 735 cm = $\dots\dots$ m
 a. 73,500 b. 7.35 c. 73.5 d. 7,350
- 39) $100 \times 5.2 = \dots\dots$
 a. 5.20 b. 520 c. 0.52 d. 52

- 40)** $0.3 \times 5 = \dots\dots$
 a. 0.35 b. 1.5 c. 15 d. 150
- 41)** $7.14 \times 0.1 = \dots\dots$
 a. 0.714 b. 71.4 c. 7.140 d. 714
- 42)** $3.6 \div 0.04 = \dots\dots$
 a. 0.9 b. 90 c. 0.09 d. 0.009
- 43)** $\dots\dots \times 0.01 = 4.12$
 a. 412 b. 4,120 c. 41,200 d. 0.412
- 44)** $0.6 \times 0.5 = \dots\dots$
 a. 30 b. 3 c. 0.3 d. 0.65
- 45)** $4.1 \times 1.1 = \dots\dots$
 a. 45.1 b. 451 c. 0.451 d. 4.51
- 46)** $3.25 \times 0.1 = \dots\dots$
 a. 325 b. 32.5 c. 3.25 d. 0.325
- 47)** 95 milliliters = $\dots\dots$ cm
 a. 9.5 b. 0.95 c. 0.0095 d. 0.095
- 48)** $4.25 \dots\dots 2.2 \div 0.1$
 a. = b. > c. < d. Otherwise
- 49)** $0.35 \div 0.5 = \dots\dots$
 a. 7 b. 0.007 c. 0.07 d. 0.7
- 50)** The quotient of $2.4 \div 0.4 = \dots\dots$
 a. 11 b. 6 c. 0.6 d. 1.6
- 51)** $0.4 \times 0.6 = \dots\dots$
 a. 24 b. 2.4 c. 0.24 d. 0.024
- 52)** $58.675 \times 0.10 = \dots\dots$
 a. 58.675 b. 5.8675 c. 586.75 d. 60

(2) Complete:

- 1) $0.2 \times 0.3 = \dots\dots$
- 2) $123 \times 0.01 = \dots\dots$
- 3) $4.2 \times 5.6 = \dots\dots\dots$
- 4) $\dots\dots \times 0.01 = 5.324$
- 5) $25 \times 0.1 = \dots\dots\dots$
- 6) $5.4 \times 0.12 = \dots\dots\dots$
- 7) $513.2 \div 0.01 = \dots\dots$
- 8) $89.36 \div 100 = 89.36 \times \dots\dots\dots$
- 9) $250 \text{ ml} = \dots\dots \text{ L}$
- 10) $36 \text{ cm} = \dots\dots \text{ mm}$
- 11) $2,000 \text{ g} = \dots\dots\dots \text{ kg}$
- 12) The quotient of $6.66 \div 6 = \dots\dots\dots$
- 13) The quotient of $84.24 \div 2 = \dots\dots\dots$
- 14) $2.1 \div 0.7 = \dots\dots\dots$

(3) Answer the following:

- 1) Ant walks 0.2 km on a day. How many meters does it walk
.....
- 2) Ali bought 9 cans of soda , if the price of one can is 6.5 pounds. How much money did Ali pay ?
.....
- 3) A rope that is 4.5 meters long is cut into 3 equal pieces. How long is each piece?
.....
- 4) Lf the price of a bottle of juice is 14.5 L.E. what is the price of 15 bottles of the same juice?
.....
- 5) Ali has 6.72 m of wire , if he decided to cut it into 16 pieces. What is the length of each piece?
.....
- 6) Find the result of: 2.14×2.7
.....
- 7) Ahmed bought 10 pens of the same type, if the price of one pen is 4.5 pounds. How much money Ahmed paid?
.....

Summary of unit 6

➤ Order of operations:

The order is:

- 1) ()
- 2) $\times$ or $\div$
- 3) $+$ or $-$

Ex: $[(12 + 10) \times 0.2] \div 0.1$
 $= [22 \times 0.2] \div 0.1$
 $= 4.4 \div 0.1 = 44$

Ex: $0.5 + (4.7 - 4.1) \times 0.4$
 $= 0.5 + 0.6 \times 0.4$
 $= 0.5 + 0.24$
 $= 0.74$

➤ Writing expressions:

• Mathematical expressions keywords:

- ✓ **Addition (+):** add, plus, sum
- ✓ **Subtraction (-):** subtract, minus, difference, left, remainder, more than, decrease
- ✓ **Multiplication (×):** multiply, times, product
- ✓ **Division (÷):** divide, distribute, quotient

Ex:

Subtract 3.1 from 4.62. Then, multiply the result by 2

Expression: $(4.62 - 3.1) \times 2$

➤ Numerical pattern:

• Numerical pattern

- pattern **increases**: add (+) , multiply (×)
- pattern **decrease**: subtract (-) , divide (÷)
- writing rule: **+ 2** or **add 2** or **n + 2**

EX: 3, 6, 9, 12, 15, **Rule: + 3**

EX: 2, 4, 8, 16, **Rule: × 2**

EX: 45, 40, 35, 30, **Rule: - 5**

EX: 80, 40, 20, 10, **Rule: ÷ 2**

• Numerical pattern using table:

Input	Output
1	3
2	6
3	9
4	12
5	15

Rule: $n \times 3$

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(1) Choose the correct answer:

1) What is the first step in evaluating: $28.1 - 3.5 \times 0.2 + 29 - 4$?

a. $28.1 - 3.5$

b. 3.5×0.2

c. $0.2 + 29$

d. $29 - 4$

- 2)** To find the value of expression: $43.1 \div 0.1 - 3.1 (2.2 + 3.8)$ perform the operations first
- a. Subtraction b. Multiplication c. Within parenthesis d. division
- 3)** $2.3 \div 0.1 + 10 = \dots\dots\dots$
- a. 230 b. 10.23 c. 33 d. 0.33
- 4)** $12 + 24 \div 4 + 8 = \dots\dots\dots$
- a. 28 b. 26 c. 22 d. 10
- 5)** The value of this expression: $(7.5 \times 10) + 2.3$ is
- a. 77.3 b. 9.8 c. 19.8 d. 2.78
- 6)** $25 \times 4 \div (6 - 5) = \dots\dots\dots$
- a. 100 b. 101 c. 0.01 d. 165
- 7)** $(13.5 - 5.13) \div 0.1 + 16.3 = \dots\dots\dots$
- a. 10 b. 83.5 c. 30 d. 100
- 8)** Which expression matches the clue " add 30 to 25 and divide the result by 0.5 "?
- a. $30 + 25 \div 0.5$ b. $0.5 \times (30 + 25)$ c. $(30 + 25) \div 0.5$ d. $30 \div 0.5 + 25$
- 9)** Subtract 2.2 from 6.42 and multiply the result by 3 , then the expression is
- a. $2.2 \times 2 - 6.42$ b. $3 \times 6.42 - 2.2$ c. $6.42 - 2.2 \times 2$ d. $(6.42 - 2.2) \times 3$
- 10)** 3, 5, 7, 9, 11, In the same pattern
- a. 21 b. 15 c. 13 d. 12
- 11)** 2, 5, 8, 11, in the same pattern
- a. 12 b. 14 c. 16 d. 17
- 12)** The missing value in the pattern 23, 27,, 35 ,is
- a. 29 b. 31 c. 30 d. 34
- 13)** The pattern rule of: 35, 31, 27, 23, is
- a. $n - 2$ b. $n + 4$ c. $n \times 4$ d. $n - 4$

- 14) The rule of the pattern: 3, 7, 11, 15, is
- a. $n - 4$ b. $n + 4$ c. $n \times 4$ d. $n \div 4$
- 15) If the input is 45, and the rule " $n \div 5$ ", then the outputs is
- a. 6 b. 40 c. 9 d. 50
- 16) 16, 8, 4, [in the same pattern]
- a. 4 b. 1 c. 2 d. 8
- 17) The first operation to solve: $983 - 16 \div 8 + 11 \times 10$
- a. add b. subtraction c. multiply d. divided
- 18) $5.4 \times 0.1 - 0.32 = \dots\dots\dots$
- a. 0.68 b. 53.68 c. 0.22 d. 54.2
- 19) $15 \div 5 + 7 = \dots\dots\dots$
- a. 5 b. 7 c. 3 d. 10
- 20) $6 + 2.4 \times 10 = \dots\dots\dots$
- a. 84 b. 0.84 c. 20 d. 30
- 21) If the starting number is 5, and the pattern rule is: $n + 7$, then the pattern is
- a. 5, 12, 17, 22, b. 5, 12, 19, 26, c. 5, 7, 9, 11, d. 7, 12, 17, 22,
- 22) From the following table: the rule of the pattern is
- a. $n \times 2$ b. $n + 2$ c. $n \div 2$ d. $n - 2$
- | | | | | |
|--------|---|----|----|----|
| Input | 3 | 6 | 9 | 12 |
| Output | 6 | 12 | 18 | 24 |
- 23) If the input is 6 and the output is 2, then the rule is
- a. $n + 3$ b. $n \times 2$ c. $n \div 2$ d. $n \times 3$

(2) Complete:

- 1) $2 + 7 \times 5 - 6 = \dots\dots\dots$
- 2) $55 \div 3 + 2 = \dots\dots\dots$
- 3) $5.5 \div 5 \times 10 - 10 = \dots\dots\dots$

- 4) $3.52 \times 10 + 283 \div 10 = \dots\dots\dots$
- 5) $2.4 + 3.15 \times 10 - 7.6 = \dots\dots\dots$
- 6) $3.3 \div 3 \times 10 = \dots\dots\dots$
- 7) 10, 30, 50, $\dots\dots\dots$ [in the same pattern]
- 8) 1.3, 1.7, 2.1, 2.5, $\dots\dots\dots$, 3.3 [in the same pattern]
- 9) 5, 10, 20, 40, $\dots\dots\dots$ [in the same pattern]
- 10) 23, 27, 31, 35, $\dots\dots\dots$ [in the same pattern]
- 11) 1.5, 3, 4.5, 6, $\dots\dots\dots$
- 12) 0, 3, 6, 9, 12, $\dots\dots\dots$
- 13) 85, 80, 75, $\dots\dots$, the rule is $\dots\dots\dots$
- 14) In the pattern 5, 10, 15, 20, $\dots\dots$, the rule is $\dots\dots\dots$
- 15) In the pattern 3, 5, 7, 9, $\dots\dots$, the rule is $\dots\dots\dots$
- 16) From the following table:
The rule of the pattern is $\dots\dots\dots$
- | | | | | |
|--------|----|----|----|----|
| Input | 5 | 6 | 7 | 8 |
| Output | 20 | 24 | 28 | 32 |
- 17) From the following table:
The rule of the pattern is $\dots\dots\dots$
- | | | | |
|--------|----|----|----|
| Input | 28 | 35 | 42 |
| Output | 4 | 7 | 6 |

(3) Answer the following:

- 1) Use order of mathematical operations to evaluate : $4.2 + 24 \div 4 + 8$
- $\dots\dots\dots$

- 2) Write the expression matches the clue then evaluate it: Subtract 3.1 from 4.21 then multiply the result by 0.1
- $\dots\dots\dots$

حمل الآن

مجانا وحصريا

المراجعة رقم (6)

الترم الاول



Q1: Choose the correct answer

1 $4.012 \times 5.6 = \dots\dots\dots$ [to nearest tenths]

- ☐ a 22 ☐ b 22.5 ☐ c 22.47 ☐ d 22.467

2 $2.3 \div 0.1 + 10 = \dots\dots\dots$

- ☐ a 230 ☐ b 10.23 ☐ c 33 ☐ d 0.33

3 A man bought 16 toys for 672 L.E, then the price of each toy is L.E

- ☐ a 40 ☐ b 41 ☐ c 42 ☐ d 43

4 The divisor in the equation $63 \div 9 = 7$ is

- ☐ a 63 ☐ b 9 ☐ c 7 ☐ d zero

5 $0.700 = \dots\dots\dots$

- ☐ a 70 tenths ☐ b 7 hundreds ☐ c 7 thousandths ☐ d 7 tenths

6 The composite number in the following numbers is

- ☐ a 7 ☐ b 13 ☐ c 29 ☐ d 21

7 is a multiple of 9

- ☐ a 19 ☐ b 54 ☐ c 29 ☐ d 39

8 71 hundredths + 9 hundredths = tenths

- ☐ a 88 ☐ b 80 ☐ c 800 ☐ d 8

9 From the area model, $y = \dots\dots\dots$

- ☐ a 350 ☐ b 35
☐ c 0.35 ☐ d 3.5

	5	0.9
3	15	2.7
0.7	y	0.63



10) $600 \text{ g} = \dots\dots\dots \text{ kg}$

- ☐ a 600,000 ☐ b 0.6 ☐ c 600 ☐ d 0.0006

11) $2 \text{ Thousandths} \times 4 = \dots\dots\dots$

- ☐ a 8 ☐ b 0.008 ☐ c 0.8 ☐ d 0.08

12) Which of the following doesn't equal four hundred thousandths ?

- ☐ a 0.004 ☐ b 0.40 ☐ c 0.4 ☐ d 0.400

13) 2, 3, and 7 are prime factors of

- ☐ a 7 ☐ b 6 ☐ c 42 ☐ d 63

14) $46 \text{ days} \approx \dots\dots\dots \text{ weeks}$

- ☐ a 5 ☐ b 6 ☐ c 7 ☐ d 8

15) The only even prime number is

- ☐ a 0 ☐ b 1 ☐ c 2 ☐ d 4

16) $2.51 \times \dots\dots\dots = 0.251$

- ☐ a 0.1 ☐ b 0.01 ☐ c 0.001 ☐ d 10

17) $52.63 \text{ cm} \approx \dots\dots\dots \text{ m}$

- ☐ a 10 ☐ b 0.5263 ☐ c 1 ☐ d 5,263

18) The value of the number decreased by a factor of 10 to 75.28

- ☐ a 752.8 ☐ b 7.528 ☐ c 750.28 ☐ d 75.028

19) $5.7698 \approx 5.770$ to the nearest

- ☐ a tenths ☐ b 0.001
☐ c 2 decimal digits ☐ d hundredths



20 $5 \text{ Thousandths} \times 4 = \dots\dots\dots$

- (a) 0.02 (b) 0.2 (c) 2 (d) 20

21 One hundredth of the number 61.69 = $\dots\dots\dots$

- (a) $61.69 \div 0.01$ (b) $61.69 \div 100$ (c) 616.9 (d) 6,169

22 The estimate of $34.14 + 9.750$ is $\dots\dots\dots$ (using benchmark strategy)

- (a) 43.800 (b) 44 (c) 39 (d) 43.9

23 $\dots\dots\dots$ is a number that has more than one set of factor pairs.

- (a) Prime (b) Factor (c) Multiple (d) Composite

24 1 and 7 are the common factor of $\dots\dots\dots$

- (a) 2 and 7 (b) 2 and 14 (c) 7 and 12 (d) 7 and 14

25 The bechmark of 0.85 is $\dots\dots\dots$

- (a) 0 (b) 0.5 (c) 1 (d) otherwise

26 The GCF of 3 and 7 is $\dots\dots\dots$

- (a) 21 (b) 1 (c) 3 (d) 7

27 $25 \times 4 \div [6 - 5] = \dots\dots\dots$

- (a) 100 (b) 101 (c) 0.01 (d) 165

28 $12 = \dots\dots\dots$

- (a) $54 \div (3 + 6 \times 2)$ (b) $(54 \div 3) + (6 \times 2)$ (c) $54 \div (3 + 6) \times 2$ (d) $54 \div [(3 + 6) \times 2]$

29 $k + 7.5 = 12.5$, Then k is called $\dots\dots\dots$

- (a) variable (b) equation
(c) expression (d) other



- 30** $m + 3.2 = 10.5$ is called
- ☐ a variable ☐ b equation ☐ c expression ☐ d other
- 31** The value of the variable x in the equation $9.5 - x = 4.3$ is
- ☐ a 13.8 ☐ b 2.5 ☐ c 5.8 ☐ d 5.2
- 32** $15.8 \text{ tenths} = 1 + \dots + 0.08$
- ☐ a 5 ☐ b 0.5 ☐ c 0.05 ☐ d 50
- 33** The prime factors of 18 are
- ☐ a 2, 3, 3 ☐ b 18, 9, 2 ☐ c 1, 2, 3, 6, 9, 18 ☐ d 6
- 34** The place value of digit 3 in the number 35.21 is
- ☐ a hundredth ☐ b tens ☐ c ones ☐ d tenths
- 35** $2 \div 3 \approx \dots$ [to nearest hundredth]
- ☐ a 0.66 ☐ b 0.76 ☐ c 0.666 ☐ d 0.67
- 36** The smallest prime number formed from 2-digit is
- ☐ a 3 ☐ b 2 ☐ c 11 ☐ d 97
- 37** 59 millimeters = cm
- ☐ a 590 ☐ b 5.9 ☐ c 0.59 ☐ d 0.059
- 38** The LCM of 6 and 10 is
- ☐ a 60 ☐ b 15 ☐ c 30 ☐ d 45
- 39** The common multiple of any number is
- ☐ a 0 ☐ b 1
☐ c 2 ☐ d 3



40 The factors of 18 are

- (a) 2, 3, 3 (b) 18, 9, 2 (c) 1, 2, 3, 6, 9, 18 (d) 6

41 $7.52 \div 100 = \dots\dots\dots$

- (a) 7,520 (b) 752 (c) 0.0752 (d) 0.752

42 The LCM of 5 and 6 is

- (a) 6 (b) 5 (c) 1 (d) 30

43 5 hundredths + 13 thousandth =thousandths.

- (a) 63 (b) 18 (c) 513 (d) 37

44 $3 + 40 + 0.09 + 0.5$ 43.059

- (a) > (b) = (c) < (d) otherwise

45 If $8.24 - y = 3.12$, then $y = \dots\dots\dots$

- (a) 5.12 (b) 12.15 (c) 11.36 (d) 14.12

46 $1,500 \div 50 = \dots\dots\dots$

- (a) 3 (b) 30 (c) 300 (d) 3,000

47 $25.25 \div 0.25 = \dots\dots\dots$

- (a) 11 (b) 101 (c) 110 (d) 111

48 If $496 = 4 \times [A] + 9 \times [B] + 6$, then $A + B = \dots\dots\dots$

- (a) 100 (b) 10 (c) 110 (d) 490

49 What is the ones digit of the product of 953×23 will be without solving the whole problem?

- (a) 0 (b) 9
(c) 2 (d) 3



50 2, 5 and 7 are prime factors of

a 14

b 35

c 10

d 70

51 $7,368 \div \dots\dots\dots = 73.68$

a 10

b 100

c 1,000

d 0.01

52 99.297 ☐ $1,244$ tenths

a $>$

b $=$

c $<$

d otherwise

53 $12 \times 200 = \dots\dots\dots$

a 24 tens

b 24 hundreds

c 24 thousands

d 24

54 $3.09 \times 1,000$ ☐ 30.9×10

a $>$

b $<$

c $=$

d otherwise

55 7 hundredths $- 7$ thousandths $= \dots\dots\dots$ thousandth

a 0.063

b 36

c 63

d 0

56 49×523 is closer to

a 2,500

b 25,000

c 20,000

d 2,000

57 When all digits of a number move one place to the left, its value

a decreases

b increases

c doesn't change

d otherwise

58 There are centimeters in 3 km

a 300

b 3,000

c 30,000

d 300,000

59 6 Tenths, 9 Thousandths $= \dots\dots\dots$

a 0.609

b 0.069

c 6.009

d 0.906



60 9.13×3.5 91.3×0.35

- (a) $>$ (b) $<$ (c) $=$ (d) otherwise

61 Since $8 \times 12 = 96$, then $0.8 \times 0.12 =$

- (a) 0.96 (b) 0.0096 (c) 0.096 (d) 9.6

62 3 Tenths – 15 Thousandths = Thousandths

- (a) 2.85 (b) 285 (c) 0.15 (d) 0.285

63 The number is one of multiple of 5

- (a) 3,210 (b) 5,551 (c) 10,103 (d) 10,004

64 The product of 492×58 is closer to

- (a) 25,000 (b) 30,000 (c) 35,000 (d) 20,000

65 Which number could be rounded to 0.58?

- (a) 0.589 (b) 0.57 (c) 0.59 (d) 0.577

66 The benchmark decimal closest to 0.453 is

- (a) 0.5 (b) 0 (c) 1 (d) 4

67 The second step to evaluate the expression $9.3 \times 0.1 + 4.7 - 1.1$ is

- (a) 9.3×0.1 (b) 9.3×4.8 (c) $0.93 + 4.7$ (d) $0.93 + 1.1$

68 3 tenths $\times$ 4 tenths =

- (a) 12 tenths (b) 12 hundredth (c) 12 ones (d) 12 thousandths

69 Using the opposite area model to divide $1,530 \div X$, then the value of X is

- (a) 1,530 (b) 102 (c) 30 (d) 15

	100	2
$\times$	1,530	30
	1,500	30
	30	00



70 $[80 \times 10] + [80 \times 4] + [3 \times 10] + [3 \times 4] = \dots\dots\dots$

- (a) 83×14 (b) 38×14 (c) 83×41 (d) 38×41

71 If $7,785 \div 31 = 251 \text{ R } 4$, then $31 \times 251 + 4 = \dots\dots\dots$

- (a) 7,786 (b) 7,785 (c) 7,784 (d) 7,783

72 Estimate the product of 971×23 is $\dots\dots\dots$

- (a) 20,000 (b) 8,000 (c) 2,000 (d) 20

73 573.1×100 ☐ 5.731×100

- (a) $>$ (b) $<$ (c) $=$ (d) otherwise

74 $73.68 \div \dots\dots\dots = 7,368$

- (a) 10 (b) 100 (c) 0.01 (d) 0.1

75 3 Hundreds $\times$ 7 Hundreds = $\dots\dots\dots$ hundreds

- (a) 210,000 (b) 2,100 (c) 21,000 (d) 21

76 Which number could be rounded to 0.37 ?

- (a) 0.38 (b) 0.378 (c) 0.372 (d) 0.364

77 The division equation that matches $125 \times 36 = 4,500$ is $\dots\dots\dots$

- (a) $4,500 - 125 = 36$ (b) $125 \div 36 = 4,500$ (c) $4,500 \div 36 = 125$ (d) $125 + 36 = 4,500$

78 Mona bought 31 boxes of juice for 25 L.E. each She paid = $\dots\dots\dots$

- (a) 757 (b) 775 (c) 577 (d) 7,750

79 What is the unknown value in the area model of 21×53 ?

- (a) 600 (b) 6 (c) 6,000 (d) 60

		50	3
20		1,000	?
1		50	3



80 $4.61 \text{ m} = \dots\dots\dots \text{ cm}$

- ☐ a 46.1 ☐ b 461 ☐ c 0.0461 ☐ d 46,100

81 If $840 \div 24 = 35$, then $35 \times 24 + 5 = \dots\dots\dots$

- ☐ a 840 ☐ b 850 ☐ c 845 ☐ d 485

82 $4.5 \times 3.2 = \dots\dots\dots$

- ☐ a 144 ☐ b 1.44 ☐ c 14.4 ☐ d 0.144

83 $4 \times 354 = [4 \times 300] + [4 \times 50] + [\dots\dots\dots]$

- ☐ a 4×4 ☐ b 4×40 ☐ c 4×400 ☐ d 40×40

84 $6,281 \times 23 = \dots\dots\dots$

- ☐ a 142,463 ☐ b 143,463 ☐ c 144,463 ☐ d 144,436

85 5 Hundreds $\times$ 6 Hundreds = $\dots\dots\dots$ hundreds

- ☐ a 30 ☐ b 300 ☐ c 3,000 ☐ d 30,000

86 The estimate of $25.368 - 5.247$ using rounding to the nearest 0.1 strategy is ...

- ☐ a 20 ☐ b 20.2 ☐ c 20.12 ☐ d 25.121

87 The missing number in the product is $\dots\dots\dots$

- ☐ a 2,882 ☐ b 10,122 ☐ c 2,892 ☐ d 2,880

88 $0.1 \times 0.1 = \dots\dots\dots$

- ☐ a 0.03 ☐ b 0.02 ☐ c 0.01 ☐ d 0.2

89 $34.971 \approx \dots\dots\dots$ (to the nearest 0.1)

- ☐ a 34.8 ☐ b 34
☐ c 34.9 ☐ d 35

	723	
$\times$	14	
		
$+$	7,230	
	10,122	



90 The product $0.9 \times 0.5 = \dots\dots\dots$

- ☐ a 0.45 ☐ b 4.5 ☐ c 5.4 ☐ d 45

91 Which is the first step in evaluating $28.1 - 3.5 \times 0.2 + 29 - 4$?

- ☐ a $28.1 - 3.5$ ☐ b 3.5×0.2 ☐ c $0.2 + 29$ ☐ d $29 - 4$

92 $3.569 \approx \dots\dots\dots$ (to the nearest 2 decimal places)

- ☐ a 3.7 ☐ b 3.57 ☐ c 4 ☐ d 3.58

93 In the equation $24 \div 4 = 6$, the remainder is

- ☐ a 1 ☐ b 2 ☐ c 0 ☐ d 4

94 $19,625 \text{ mL} = \dots\dots\dots \text{ L}$

- ☐ a 196.25 ☐ b 19.625 ☐ c 1,962.5 ☐ d 1.9625

95 $[100 + 100 + 70 + 4] \times [6 + 80] = \dots\dots\dots$

- ☐ a 174×86 ☐ b 174×68 ☐ c 274×86 ☐ d 274×68

96 $9.58 \times \dots\dots\dots = 958$

- ☐ a 0.01 ☐ b 10 ☐ c 100 ☐ d 1,000

97 For the equation: $7.325 - x = 4.127$, which of the following part-to-whole bar model is suitable ?

- ☐ a

x	
7.325	4.127

☐ b

4.127	
x	7.325

☐ c

7.325	
x	4.127

☐ d

x	
4.127	3.198

98 Subtract 2.2 from 6.42 and multiply the result by 3, then the expression is

- ☐ a $2.2 \times 2 - 6.42$ ☐ b $6.42 - 2.2 \times 2$
☐ c $3 \times 6.42 - 2.2$ ☐ d $(6.42 - 2.2) \times 3$



Q2: Answer The Following

1 Compose the number: $(9 \times \frac{1}{1,000}) + (5 \times \frac{1}{10}) + (6 \times 1)$

2 Yassmin bought a sandwich for 36.85 L.E and 250 mL of juice for 7.5 L.E.

What is the cost of the meal?

Equation:

Solution:

3 The multiples of 5 are the numbers whose ones digit is and

4 If $h + 2.3 = 6.1$, what is the value of h ?

5 Find the result of estimating the subtraction of the following decimal fractions using the rounding strategy to the nearest tenth: $7.62 - 4.46$

6 $7,636 \times 8 = \dots\dots\dots$

7 What would happen to the value of the digit 9 if the number 3.29 multiplied by 100?

8 $56 \times \dots\dots\dots = (7 \times 6) + (7 \times 50) + (80 \times 6) + (80 \times 50)$

9 What is the result of subtracting: 68 hundredths – 2 tenths in the form of hundredths?

10 The prime number has two factors which are and

11 1 is not a prime number because



- 12) Samy bought two silver rings, the mass of the first is 8.45 grams, and the mass of the second is 8.162 grams.
Calculate the total number of grams that Samy bought of silver.

- 13) $8.534 \times 100 = \dots\dots\dots$ [to the nearest whole number]

- 14) Find the result of estimating the subtraction of the following decimal fractions using the first digit on the left estimation strategy: $81.351 - 51.209$

- 15) Find the (GCF) and (LCM) of the two numbers 10 and 15

--	--

- 16) Find the result of the estimation of the addition of the decimal numbers using rounding to the nearest unit: $6.234 + 7.621$

- 17) If $548 \times 6 = 3,288$, then $5.48 \times 0.7 = \dots\dots\dots$

- 18) Identify the variable in the equation: $L + 0.75 = 100$

- 19) If $512 \times 27 = 13,824$, then complete the following without multiplying:

- a) $5.12 \times 27 = \dots\dots\dots$ b) $0.512 \times 2.7 = \dots\dots\dots$

- 20) Quotient $\times$ divisor + remainder = $\dots\dots\dots$



- 21** In a shopping visit, Omran and his friends bought 18 T-shirts, each costing 265 pounds, and 13 pants, each costing 370 pounds. What is the total shopping cost?

- 22** Find the result of estimating the subtraction of the following decimal fractions using the rounding strategy to the nearest tenth: $7.63 - 4.46$

- 23** Calculate the value of the variable X in the equation: $X + 245 = 2000$

- 24** If $6 \times 25 = 150$, then $6 \times 0.25 = \dots\dots\dots$

- 25** Arrange the following in descending order:

0.096 , 2.56 , 1.26 , 0.27 , 2.65

The order: , , , ,

- 26** Find the value of the numerical expression: $(20 + 33.29) \times 10 - 6.1$

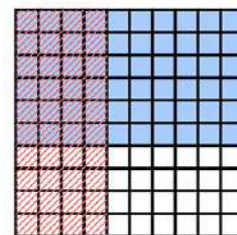
- 27** Mona had 95.5 L.E, She spent 35.75 L.E. Find the remainder with her

- 28** A school has 2,142 students, and the school administration wanted to divide them equally among 34 classrooms.
How many students will be in each classroom?



29 Solve the following:

..... $\times$ =



30 Arrange ascendingly: 3.408, 6.097, 3.804, and 6.907

31 Ahmad trains every 3 days, while Osama trains every 4 days. Both friends are training together today. How many days will pass until they train together for the second time? Do you need to use LCM or GCF?

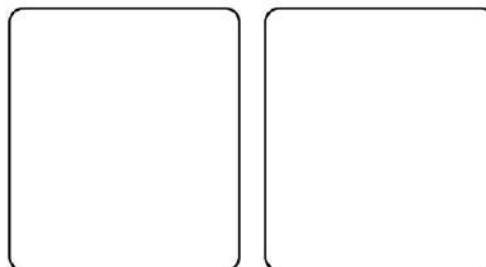
32 Find GCF and LCM by factorization of 42 and 14:

42 =

14 =

GCF =

LCM =



33 The product of 892×42 is closer to the product of $\times$

34 Multiply using the area model:

$2.2 \times 4.3 =$

35 The common factor of all numbers is

36 Determine the used strategy in estimating the decimal numbers $0.96 + 0.49$ so that the result will be: $1.0 + 0.5 = 1.5$

37 Farida bought 42 books for 50 L.E each, She paid



38 Write the equation that represents: The sum of two numbers is 28.73.
If the first number is 15.06, what is the other number?

39 If the price of 13 books is 390 pounds, then the price of each book equals

40 If $6,996 \div 53 = 132$, then $53 \times 132 = \dots\dots\dots$.

41 Write the following number in the standard form:
 $(2 \times 10) + (3 \times 1) + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

42 Arrange the following in ascending order:

32.141 , 32.414 , 32.14 , 31.999 , 31.99

The order:,,,,

43 The weight of Farida is 45.235 kg, and the weight of Murad is 52.012 kg,
Find their weight together.

44 Find the value of the numerical expression: $15 \div 5 \times 3 + 4$.

45 $320 \times 15 = \dots\dots\dots$ Hundreds

46 Sara bought 54 books for 100 L.E each She paid =

47 The number that if divided by 23 has a quotient of 168 is

48 Yousef bought 100 pens of the same type. The price of each pen is 12 pounds.
How much money Yousef paid ?



- 49** Laila needs to fill cups of water each of capacity 0.6 liter.
How many cups can she fill using a bottle of water of capacity 3.6 liter?

- 50** Use area model to find the product of 26×43 .

- 51** Find GCF and LCM by factorization of 12 and 18:

12 =

18 =

GCF =

LCM =

--	--

- 52** What is the number that if it divided by 44 the quotient will be 213

- 53** A father wants to distribute 480 L.E. among his four children, He gave the oldest one half of total. How much money did each of other child get?

- 54** Find the result of: 3.412×2.8

- 55** The product of 689×21 is closer to the product of $\times$

- 56** What is the prime number, whose sum of its factors equals 12

- 57** Using the distributive property, find the product of: 92×83



58 Round 57.649:

a To the nearest tenths:

b To the nearest ones:

59 $70 \times 80 = \dots\dots\dots$

60 If the quotient of $954 \div 15$ is 63 and remainder 9, then what is the result of: 15×63 ?

61 Find the estimation of the addition of the following decimal numbers using the front-end strategy: $63.38 + 47.2$

62 $24 \times 15 = \dots\dots\dots$ tens

63 When multiplying by 0.1, we move the decimal pointplaces to the

64 $\div 28 = 632$

65 A rope that is 4.5 meters long is cut into 3 equal pieces. How long is each piece ?

67 The number whose all prime factors are 2, 3 and 5 is

68 If Sahar's height is 175 cm, and her brother is 0.33 meters shorter than her, what is the height of Sahar's brother?

69 Find the estimation in the division operation: $9,471 \div 41$, then compare the result with the actual result



70 Ant walks 0.2 km on a day. How many meters does it walk in week?

71 Estimate the result and then find the actual result using the rectangle area model for the following problem: $9,375 \div 75$.

72 $\times 1,000 = 850,000$

73 $17.17 \times 0.1 = \dots\dots\dots$

74 Write an equation using a variable to represent this situation:
The sum of two numbers is 11, and one of them is 7.5

75 As part of his fitness training, Munir cycles a distance of 38.7 km in one hour,
How many meters does he cover in a minute?

76 $100 \times \dots\dots\dots = 75.9$

77 Using the rectangle area model, find the product of: 5.3×2.3



78 Two numbers, the prime factors of the first are (2, 2, 3) and the prime factors of the second are (2, 3, 3), then the GCF of the two numbers is

79 A charity wants to distribute 8,320 pounds into 64 persons equally.
What's the share of each person ?



- 80 There are 4,875 pieces of chocolate, and they are packed into boxes containing 24 pieces each. The seller wants to pack as many full boxes as possible. How many boxes can he pack? And how many pieces will he have left?

- 81 Marwa saved 125 pounds ,Ahmed saved 10 times as Marwa, Mariam saved 6 times as Marwa, How much money they saved ?

- 82 Ahmed Nassr bought 12 cans of soda, if the price of one can is 13.5 pounds. How much money did Ahmed Nassr pay ?

- 83 Find value of x in the equation: $x - 6.82 = 1.23$

- 84 Find the result of: $75.248 \div 0.1$

- 85 A car covers 25.56 km daily, what is the covered distance by this car in 10 days

- 86 Find the value of the numerical expression: $64 \div 0.32 + 0.1 \times 3.2$

- 87 $9 \times 0.009 = \dots\dots\dots$

- 88 $\dots\dots\dots \times 0.01 = 5.324$



- 89** Ahmed has 6,549 pounds, he bought 12 books each of price 429 pounds.
Calculate the amount of money remains with him.

- 90** A worker in a wood factory works 128 hours monthly. If there are 12 workers in the factory work the same number of hours,
how many hours do all the workers work in a month?

- 91** The ones digit of the product of $5,747 \times 79$ will be

- 92** Amina uses 1,133 grams of sugar daily.
How many grams of sugar does she use in 30 weeks?

- 93** Two pieces of cloth, the length of the first piece is 18.5 meters and the length of the second piece is 25.8 meters,
Find the difference between the lengths of the two pieces.

- 94** The LCM of any two prime numbers is

- 95** Any number is a multiple of

- 96** Hassan bought 2.75 kg of tomatoes, what is the equivalent measurement of what he bought in grams?

- 97** 60 days $\approx$ weeks

- 98** Subtract 3.1 from 4.6, then multiply the result by 0.01



Q1: Choose the correct answer

1 $4.012 \times 5.6 = \dots\dots\dots$ [to nearest tenths]

a 22

b 22.5

c 22.47

d 22.467

2 $2.3 \div 0.1 + 10 = \dots\dots\dots$

a 230

b 10.23

c 33

d 0.33

3 A man bought 16 toys for 672 L.E, then the price of each toy is $\dots\dots\dots$ L.E

a 40

b 41

c 42

d 43

4 The divisor in the equation $63 \div 9 = 7$ is

a 63

b 9

c 7

d zero

5 $0.700 = \dots\dots\dots$

a 70 tenths

b 7 hundreds

c 7 thousandths

d 7 tenths

6 The composite number in the following numbers is $\dots\dots\dots$

a 7

b 13

c 29

d 21

7 $\dots\dots\dots$ is a multiple of 9

a 19

b 54

c 29

d 39

8 $71 \text{ hundredths} + 9 \text{ hundredths} = \dots\dots\dots$ tenths

a 88

b 80

c 800

d 8

9 From the area model, $y = \dots\dots\dots$

a 350

b 35

c 0.35

d 3.5

	5	0.9
3	15	2.7
0.7	y	0.63



10) $600 \text{ g} = \dots\dots\dots \text{ kg}$

☐ a 600,000

☒ b 0.6

☐ c 600

☐ d 0.0006

11) $2 \text{ Thousandths} \times 4 = \dots\dots\dots$

☐ a 8

☒ b 0.008

☐ c 0.8

☐ d 0.08

12) Which of the following doesn't equal four hundred thousandths ?

☒ a 0.004

☐ b 0.40

☐ c 0.4

☐ d 0.400

13) 2, 3, and 7 are prime factors of

☐ a 7

☐ b 6

☒ c 42

☐ d 63

14) $46 \text{ days} \approx \dots\dots\dots \text{ weeks}$

☐ a 5

☐ b 6

☒ c 7

☐ d 8

15) The only even prime number is

☐ a 0

☐ b 1

☒ c 2

☐ d 4

16) $2.51 \times \dots\dots\dots = 0.251$

☒ a 0.1

☐ b 0.01

☐ c 0.001

☐ d 10

17) $52.63 \text{ cm} \approx \dots\dots\dots \text{ m}$

☐ a 10

☐ b 0.5263

☒ c 1

☐ d 5,263

18) The value of the number decreased by a factor of 10 to 75.28

☒ a 752.8

☐ b 7.528

☐ c 750.28

☐ d 75.028

19) $5.7698 \approx 5.770$ to the nearest

☐ a tenths

☒ b 0.001

☐ c 2 decimal digits

☐ d hundredths



20 5 Thousandths $\times 4 = \dots\dots\dots$

☒ a 0.02

☐ b 0.2

☐ c 2

☐ d 20

21 One hundredth of the number 61.69 = $\dots\dots\dots$

☐ a $61.69 \div 0.01$

☒ b $61.69 \div 100$

☐ c 616.9

☐ d 6,169

22 The estimate of $34.14 + 9.750$ is $\dots\dots\dots$ (using benchmark strategy)

☐ a 43.800

☒ b 44

☐ c 39

☐ d 43.9

23 $\dots\dots\dots$ is a number that has more than one set of factor pairs.

☐ a Prime

☐ b Factor

☐ c Multiple

☒ d Composite

24 1 and 7 are the common factor of $\dots\dots\dots$

☐ a 2 and 7

☐ b 2 and 14

☐ c 7 and 12

☒ d 7 and 14

25 The bechmark of 0.85 is $\dots\dots\dots$

☐ a 0

☐ b 0.5

☒ c 1

☐ d otherwise

26 The GCF of 3 and 7 is $\dots\dots\dots$

☐ a 21

☒ b 1

☐ c 3

☐ d 7

27 $25 \times 4 \div [6 - 5] = \dots\dots\dots$

☒ a 100

☐ b 101

☐ c 0.01

☐ d 165

28 $12 = \dots\dots\dots$

☐ a $54 \div (3 + 6 \times 2)$

☐ b $(54 \div 3) + (6 \times 2)$

☒ c $54 \div (3 + 6) \times 2$

☐ d $54 \div [(3 + 6) \times 2]$

29 $k + 7.5 = 12.5$, Then k is called $\dots\dots\dots$

☒ a variable

☐ b equation

☐ c expression

☐ d other



30 $m + 3.2 = 10.5$ is called

- ☐ a variable ☒ b equation ☐ c expression ☐ d other

31 The value of the variable x in the equation $9.5 - x = 4.3$ is

- ☐ a 13.8 ☐ b 2.5 ☐ c 5.8 ☒ d 5.2

32 $15.8 \text{ tenths} = 1 + \dots + 0.08$

- ☐ a 5 ☒ b 0.5 ☐ c 0.05 ☐ d 50

33 The prime factors of 18 are

- ☒ a 2, 3, 3 ☐ b 18, 9, 2 ☐ c 1, 2, 3, 6, 9, 18 ☐ d 6

34 The place value of digit 3 in the number 35.21 is

- ☐ a hundredth ☒ b tens ☐ c ones ☐ d tenths

35 $2 \div 3 \approx \dots$ [to nearest hundredth]

- ☐ a 0.66 ☐ b 0.76 ☐ c 0.666 ☒ d 0.67

36 The smallest prime number formed from 2-digit is

- ☐ a 3 ☐ b 2 ☒ c 11 ☐ d 97

37 59 millimeters = cm

- ☐ a 590 ☒ b 5.9 ☐ c 0.59 ☐ d 0.059

38 The LCM of 6 and 10 is

- ☐ a 60 ☐ b 15 ☒ c 30 ☐ d 45

39 The common multiple of any number is

- ☒ a 0 ☐ b 1 ☐ c 2 ☐ d 3



40 The factors of 18 are

☐ a 2, 3, 3

☐ b 18, 9, 2

☒ c 1, 2, 3, 6, 9, 18

☐ d 6

41 $7.52 \div 100 = \dots\dots\dots$

☐ a 7,520

☐ b 752

☒ c 0.0752

☐ d 0.752

42 The LCM of 5 and 6 is

☐ a 6

☐ b 5

☐ c 1

☒ d 30

43 5 hundredths + 13 thousandth =thousandths.

☒ a 63

☐ b 18

☐ c 513

☐ d 37

44 $3 + 40 + 0.09 + 0.5$ ☐ 43.059

☒ a >

☐ b =

☐ c <

☐ d otherwise

45 If $8.24 - y = 3.12$, then $y = \dots\dots\dots$

☒ a 5.12

☐ b 12.15

☐ c 11.36

☐ d 14.12

46 $1,500 \div 50 = \dots\dots\dots$

☐ a 3

☒ b 30

☐ c 300

☐ d 3,000

47 $25.25 \div 0.25 = \dots\dots\dots$

☐ a 11

☒ b 101

☐ c 110

☐ d 111

48 If $496 = 4 \times [A] + 9 \times [B] + 6$, then $A + B = \dots\dots\dots$

☐ a 100

☐ b 10

☒ c 110

☐ d 490

49 What is the ones digit of the product of 953×23 will be without solving the whole problem?

☐ a 0

☒ b 9

☐ c 2

☐ d 3



50 2, 5 and 7 are prime factors of

☐ a 14

☐ b 35

☐ c 10

☒ d 70

51 $7,368 \div \dots = 73.68$

☐ a 10

☒ b 100

☐ c 1,000

☐ d 0.01

52 99.297 ☐ 1,244 tenths

☐ a >

☐ b =

☒ c <

☐ d otherwise

53 $12 \times 200 = \dots$

☐ a 24 tens

☒ b 24 hundreds

☐ c 24 thousands

☐ d 24

54 $3.09 \times 1,000$ ☐ 30.9×10

☒ a >

☐ b <

☐ c =

☐ d otherwise

55 7 hundredths – 7 thousandths = thousandth

☐ a 0.063

☐ b 36

☒ c 63

☐ d 0

56 49×523 is closer to

☐ a 2,500

☒ b 25,000

☐ c 20,000

☐ d 2,000

57 When all digits of a number move one place to the left, its value

☐ a decreases

☒ b increases

☐ c doesn't change

☐ d otherwise

58 There are centimeters in 3 km

☐ a 300

☐ b 3,000

☐ c 30,000

☒ d 300,000

59 6 Tenths, 9 Thousandths =

☒ a 0.609

☐ b 0.069

☐ c 6.009

☐ d 0.906



60 9.13×3.5 91.3×0.35

☐ a >

☐ b <

☒ c =

☐ d otherwise

61 Since $8 \times 12 = 96$, then $0.8 \times 0.12 =$

☐ a 0.96

☐ b 0.0096

☒ c 0.096

☐ d 9.6

62 3 Tenths – 15 Thousandths = Thousandths

☐ a 2.85

☒ b 285

☐ c 0.15

☐ d 0.285

63 The number is one of multiple of 5

☒ a 3,210

☐ b 5,551

☐ c 10,103

☐ d 10,004

64 The product of 492×58 is closer to

☐ a 25,000

☒ b 30,000

☐ c 35,000

☐ d 20,000

65 Which number could be rounded to 0.58?

☐ a 0.589

☐ b 0.57

☐ c 0.59

☒ d 0.577

66 The benchmark decimal closest to 0.453 is

☒ a 0.5

☐ b 0

☐ c 1

☐ d 4

67 The second step to evaluate the expression $9.3 \times 0.1 + 4.7 - 1.1$ is

☐ a 9.3×0.1

☐ b 9.3×4.8

☒ c $0.93 + 4.7$

☐ d $0.93 + 1.1$

68 3 tenths x 4 tenths =

☐ a 12 tenths

☒ b 12 hundredth

☐ c 12 ones

☐ d 12 thousandths

69 Using the opposite area model to divide $1,530 \div X$, then the value of X is

☐ a 1,530

☐ b 102

☐ c 30

☒ d 15

	100	2
x	1,530	30
	1,500	30
	30	00



70 $[80 \times 10] + [80 \times 4] + [3 \times 10] + [3 \times 4] = \dots\dots\dots$

☒ a 83×14

☐ b 38×14

☐ c 83×41

☐ d 38×41

71 If $7,785 \div 31 = 251 \text{ R } 4$, then $31 \times 251 + 4 = \dots\dots\dots$

☐ a 7,786

☒ b 7,785

☐ c 7,784

☐ d 7,783

72 Estimate the product of 971×23 is $\dots\dots\dots$

☒ a 20,000

☐ b 8,000

☐ c 2,000

☐ d 20

73 573.1×100 ☐ 5.731×100

☒ a $>$

☐ b $<$

☐ c $=$

☐ d otherwise

74 $73.68 \div \dots\dots\dots = 7,368$

☐ a 10

☐ b 100

☒ c 0.01

☐ d 0.1

75 3 Hundreds $\times$ 7 Hundreds = $\dots\dots\dots$ hundreds

☐ a 210,000

☒ b 2,100

☐ c 21,000

☐ d 21

76 Which number could be rounded to 0.37 ?

☐ a 0.38

☐ b 0.378

☒ c 0.372

☐ d 0.364

77 The division equation that matches $125 \times 36 = 4,500$ is $\dots\dots\dots$

☐ a $4,500 - 125 = 36$

☐ b $125 \div 36 = 4,500$

☒ c $4,500 \div 36 = 125$

☐ d $125 + 36 = 4,500$

78 Mona bought 31 boxes of juice for 25 L.E. each She paid = $\dots\dots\dots$

☐ a 757

☒ b 775

☐ c 577

☐ d 7,750

79 What is the unknown value in the area model of 21×53 ?

☐ a 600

☐ c 6,000

☐ b 6

☒ d 60

		50	3
20		1,000	?
1		50	3



80 $4.61 \text{ m} = \dots\dots\dots \text{ cm}$

- ☐ a 46.1 ☒ b 461 ☐ c 0.0461 ☐ d 46,100

81 If $840 \div 24 = 35$, then $35 \times 24 + 5 = \dots\dots\dots$

- ☐ a 840 ☐ b 850 ☒ c 845 ☐ d 485

82 $4.5 \times 3.2 = \dots\dots\dots$

- ☐ a 144 ☐ b 1.44 ☒ c 14.4 ☐ d 0.144

83 $4 \times 354 = [4 \times 300] + [4 \times 50] + [\dots\dots\dots]$

- ☒ a 4×4 ☐ b 4×40 ☐ c 4×400 ☐ d 40×40

84 $6,281 \times 23 = \dots\dots\dots$

- ☐ a 142,463 ☐ b 143,463 ☒ c 144,463 ☐ d 144,436

85 5 Hundreds $\times$ 6 Hundreds = $\dots\dots\dots$ hundreds

- ☐ a 30 ☐ b 300 ☒ c 3,000 ☐ d 30,000

86 The estimate of $25.368 - 5.247$ using rounding to the nearest 0.1 strategy is ...

- ☐ a 20 ☒ b 20.2 ☐ c 20.12 ☐ d 25.121

87 The missing number in the product is $\dots\dots\dots$

- ☐ a 2,882 ☐ b 10,122 ☒ c 2,892 ☐ d 2,880

88 $0.1 \times 0.1 = \dots\dots\dots$

- ☐ a 0.03 ☐ b 0.02 ☒ c 0.01 ☐ d 0.2

89 $34.971 \approx \dots\dots\dots$ (to the nearest 0.1)

- ☐ a 34.8 ☐ b 34
☐ c 34.9 ☒ d 35

$$\begin{array}{r} 723 \\ \times 14 \\ \hline \dots\dots\dots \\ + 7,230 \\ \hline 10,122 \end{array}$$



90 The product $0.9 \times 0.5 = \dots\dots\dots$

- ☒ a 0.45 ☐ b 4.5 ☐ c 5.4 ☐ d 45

91 Which is the first step in evaluating $28.1 - 3.5 \times 0.2 + 29 - 4$?

- ☐ a $28.1 - 3.5$ ☒ b 3.5×0.2 ☐ c $0.2 + 29$ ☐ d $29 - 4$

92 $3.569 \approx \dots\dots\dots$ (to the nearest 2 decimal places)

- ☐ a 3.7 ☒ b 3.57 ☐ c 4 ☐ d 3.58

93 In the equation $24 \div 4 = 6$, the remainder is $\dots\dots\dots$

- ☐ a 1 ☐ b 2 ☒ c 0 ☐ d 4

94 $19,625 \text{ mL} = \dots\dots\dots \text{ L}$

- ☐ a 196.25 ☒ b 19.625 ☐ c 1,962.5 ☐ d 1.9625

95 $[100 + 100 + 70 + 4] \times [6 + 80] = \dots\dots\dots$

- ☐ a 174×86 ☐ b 174×68 ☒ c 274×86 ☐ d 274×68

96 $9.58 \times \dots\dots\dots = 958$

- ☐ a 0.01 ☐ b 10 ☒ c 100 ☐ d 1,000

97 For the equation: $7.325 - x = 4.127$, which of the following part-to-whole bar model is suitable ?

- ☐ a

x	
7.325	4.127

☐ b

4.127	
x	7.325

☒ c

7.325	
x	4.127

☐ d

x	
4.127	3.198

98 Subtract 2.2 from 6.42 and multiply the result by 3, then the expression is $\dots\dots\dots$

- ☐ a $2.2 \times 2 - 6.42$ ☐ b $6.42 - 2.2 \times 2$
☐ c $3 \times 6.42 - 2.2$ ☒ d $(6.42 - 2.2) \times 3$



Q2: Answer The Following

1 Compose the number: $(9 \times \frac{1}{1,000}) + (5 \times \frac{1}{10}) + (6 \times 1)$

6.509

2 Yassmin bought a sandwich for 36.85 L.E and 250 mL of juice for 7.5 L.E.

What is the cost of the meal?

Equation: $36.85 + 7.5 = x$

Solution: $36.85 + 7.50 = 44.35 \text{ L.E}$

3 The multiples of 5 are the numbers whose ones digit is⁰ and⁵

4 If $h + 2.3 = 6.1$, what is the value of h?

3.8

5 Find the result of estimating the subtraction of the following decimal fractions using the rounding strategy to the nearest tenth: $7.62 - 4.46$

3.1

6 $7,636 \times 8 = \dots\dots\dots$ ^{61,088}

7 What would happen to the value of the digit 9 if the number 3.29 multiplied by 100?

It moves to the ones place (value becomes 9)

8 $56 \times \dots\dots\dots$ ⁸⁷ $= (7 \times 6) + (7 \times 50) + (80 \times 6) + (80 \times 50)$

9 What is the result of subtracting: 68 hundredths – 2 tenths in the form of hundredths?

48 hundredths

10 The prime number has two factors which are¹ and^{itself}

11 1 is not a prime number because^{It has only one factor}



- 12) Samy bought two silver rings, the mass of the first is 8.45 grams, and the mass of the second is 8.162 grams.
Calculate the total number of grams that Samy bought of silver.

16.612 grams

- 13) $8.534 \times 100 = \dots\dots\dots$ [to the nearest whole number]

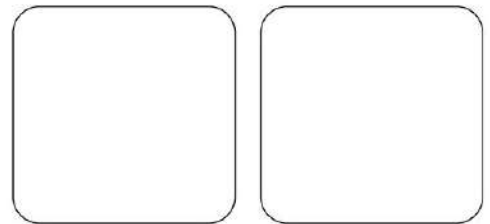
- 14) Find the result of estimating the subtraction of the following decimal fractions using the first digit on the left estimation strategy: $81.351 - 51.209$

30

- 15) Find the (GCF) and (LCM) of the two numbers 10 and 15

GCF: 5

LCM: 30



- 16) Find the result of the estimation of the addition of the decimal numbers using rounding to the nearest unit: $6.234 + 7.621$

14

- 17) If $548 \times 6 = 3,288$, then $5.48 \times 0.7 = \dots\dots\dots$

- 18) Identify the variable in the equation: $L + 0.75 = 100$ **L**

- 19) If $512 \times 27 = 13,824$, then complete the following without multiplying:

a) $5.12 \times 27 = \dots\dots\dots$ b) $0.512 \times 2.7 = \dots\dots\dots$

- 20) Quotient $\times$ divisor + remainder = $\dots\dots\dots$ **Dividend**



- 21** In a shopping visit, Omran and his friends bought 18 T-shirts, each costing 265 pounds, and 13 pants, each costing 370 pounds. What is the total shopping cost?

9,580 pounds

- 22** Find the result of estimating the subtraction of the following decimal fractions using the rounding strategy to the nearest tenth: $7.63 - 4.46$

3.1

- 23** Calculate the value of the variable X in the equation: $X + 245 = 2000$ **1,755**

- 24** If $6 \times 25 = 150$, then $6 \times 0.25 = \dots\dots\dots$ **1.5**

- 25** Arrange the following in descending order:

0.096 , 2.56 , 1.26 , 0.27 , 2.65

The order: **2.65** , **2.56** , **1.26** , **0.27** , **0.096** .

- 26** Find the value of the numerical expression: $(20 + 33.29) \times 10 - 6.1$

526.8

- 27** Mona had 95.5 L.E, She spent 35.75 L.E. Find the remainder with her

59.75 L.E.

- 28** A school has 2,142 students, and the school administration wanted to divide them equally among 34 classrooms.

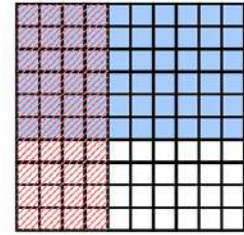
How many students will be in each classroom?

63 students



29 Solve the following:

$$\underline{\quad 0.4 \quad} \times \underline{\quad 0.6 \quad} = \underline{\quad 0.24 \quad}$$



30 Arrange ascendingly: 3.408, 6.097, 3.804, and 6.907

3.408 , 3.804 , 6.097 , 6.907.

31 Ahmad trains every 3 days, while Osama trains every 4 days. Both friends are training together today. How many days will pass until they train together for the second time? Do you need to use LCM or GCF?

This requires LCM. LCM of 3 and 4 is 12 days.

32 Find GCF and LCM by factorization of 42 and 14:

42 =

14 =

GCF = **14**

LCM = **42**

33 The product of 892×42 is closer to the product of **900** $\times$ **40**.

34 Multiply using the area model:

$$2.2 \times 4.3 = \underline{\quad 9.46 \quad}$$

35 The common factor of all numbers is **1**.

36 Determine the used strategy in estimating the decimal numbers $0.96 + 0.49$ so that the result will be: $1.0 + 0.4 = 1.5$

Benchmark

37 Farida bought 42 books for 50 L.E each, She paid **2,100**.



Follow for More!

- 38** Write the equation that represents: The sum of two numbers is 28.73.
If the first number is 15.06, what is the other number?

13.67

- 39** If the price of 13 books is 390 pounds, then the price of each book equals **30**

- 40** If $6,996 \div 53 = 132$, then $53 \times 132 = \dots\dots\dots$ **6,996**

- 41** Write the following number in the standard form:

$$(2 \times 10) + (3 \times 1) + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100})$$

23.75

- 42** Arrange the following in ascending order:

32.141 , 32.414 , 32.14 , 31.999 , 31.99

The order: **31.99 , 31.999 , 32.14 , 32.141 , 32.414**

- 43** The weight of Farida is 45.235 kg, and the weight of Murad is 52.012 kg,
Find their weight together.

97.247

- 44** Find the value of the numerical expression: $15 \div 5 \times 3 + 4$.

13

- 45** $320 \times 15 = \dots\dots\dots$ **48** Hundreds

- 46** Sara bought 54 books for 100 L.E each She paid = **5,400** ..

- 47** The number that if divided by 23 has a quotient of 168 is **3,864** ..

- 48** Yousef bought 100 pens of the same type. The price of each pen is 12 pounds.
How much money Yousef paid ?

1,200



- 49** Laila needs to fill cups of water each of capacity 0.6 liter.
How many cups can she fill using a bottle of water of capacity 3.6 liter?

6 cups.

- 50** Use area model to find the product of 26×43 .

1,118

- 51** Find GCF and LCM by factorization of 12 and 18:

12 =

18 =

GCF = **6**

LCM = **36**

--	--

- 52** What is the number that if it divided by 44 the quotient will be 213

9,372

- 53** A father wants to distribute 480 L.E. among his four children, He gave the oldest one half of total. How much money did each of other child get?

Oldest: 240 L.E

Each other child: 80 L.E

- 54** Find the result of: 3.412×2.8

9.5536

- 55** The product of 689×21 is closer to the product of **700** $\times$ **20**

- 56** What is the prime number, whose sum of its factors equals 12

11

- 57** Using the distributive property, find the product of: 92×83

7,636



58 Round 57.649:

a To the nearest tenths: **57.6** .

b To the nearest ones: **58** .

59 $70 \times 80 = \dots\dots\dots$ **5600**

60 If the quotient of $954 \div 15$ is 63 and remainder 9, then what is the result of: 15×63 ?
945

61 Find the estimation of the addition of the following decimal numbers using the front-end strategy: $63.38 + 47.2$
100

62 $24 \times 15 = \dots\dots\dots$ **36** tens

63 When multiplying by 0.1, we move the decimal point **1** places to the **left** .

64 **17,696** $\div 28 = 632$

65 A rope that is 4.5 meters long is cut into 3 equal pieces. How long is each piece ?
1.5

67 The number whose all prime factors are 2, 3 and 5 is
30

68 If Sahar's height is 175 cm, and her brother is 0.33 meters shorter than her, what is the height of Sahar's brother?
142 cm

69 Find the estimation in the division operation: $9,471 \div 41$, then compare the result with the actual result

Estimation : 230

Actual : 231



70 Ant walks 0.2 km on a day. How many meters does it walk in week?

1,400

71 Estimate the result and then find the actual result using the rectangle area model for the following problem: $9,375 \div 75$.

Estimation : 120

Actual : 125

72 ⁸⁵⁰ $\times 1,000 = 850,000$

73 $17.17 \times 0.1 = \dots\dots\dots$ ^{1.717}

74 Write an equation using a variable to represent this situation:

The sum of two numbers is 11, and one of them is 7.5

$7.5 + x = 11$

75 As part of his fitness training, Munir cycles a distance of 38.7 km in one hour, How many meters does he cover in a minute?

645 meters

76 $100 \times \dots\dots\dots$ ^{0.759} $= 75.9$

77 Using the rectangle area model, find the product of: 5.3×2.3

12.19

78 Two numbers, the prime factors of the first are (2, 2, 3) and the prime factors of the second are (2, 3, 3), then the GCF of the two numbers is ⁶

79 A charity wants to distribute 8,320 pounds into 64 persons equally. What's the share of each person ?

130



- 80 There are 4,875 pieces of chocolate, and they are packed into boxes containing 24 pieces each. The seller wants to pack as many full boxes as possible. How many boxes can he pack? And how many pieces will he have left?

203 full boxes and 3 pieces left over.

- 81 Marwa saved 125 pounds ,Ahmed saved 10 times as Marwa, Mariam saved 6 times as Marwa, How much money they saved ?

2,125 L.E

- 82 Ahmed Nassr bought 12 cans of soda, if the price of one can is 13.5 pounds. How much money did Ahmed Nassr pay ?

162

- 83 Find value of x in the equation: $x - 6.82 = 1.23$

8.05



- 84 Find the result of: $75.248 \div 0.1$

752.48

- 85 A car covers 25.56 km daily, what is the covered distance by this car in 10 days

255.6 km

- 86 Find the value of the numerical expression: $64 \div 0.32 + 0.1 \times 3.2$

200.32

- 87 $9 \times 0.009 = \dots\dots\dots$ 0.081

- 88 $\dots\dots\dots \times 0.01 = 5.324$ 532.4



- 89 Ahmed has 6,549 pounds, he bought 12 books each of price 429 pounds.
Calculate the amount of money remains with him.

1,401 pounds

- 90 A worker in a wood factory works 128 hours monthly. If there are 12 workers
in the factory work the same number of hours,
how many hours do all the workers work in a month?

1,536 hours

- 91 The ones digit of the product of $5,747 \times 79$ will be³.....

- 92 Amina uses 1,133 grams of sugar daily.
How many grams of sugar does she use in 30 weeks?

237,930 grams

- 93 Two pieces of cloth, the length of the first piece is 18.5 meters and the
length of the second piece is 25.8 meters,
Find the difference between the lengths of the two pieces.

7.3 m

- 94 The LCM of any two prime numbers is Their product

- 95 Any number is a multiple ofItself....

- 96 Hassan bought 2.75 kg of tomatoes, what is the equivalent
measurement of what he bought in grams?

2,750 grams

- 97 60 days $\approx$ ⁹..... weeks

- 98 Subtract 3.1 from 4.6, then multiply the result by 0.01

$$(4.6 - 3.1) \times 0.01 = 1.5 \times 0.01 = 0.015$$



حمل الآن

مجاناً وحصرياً

المراجعة رقم (7)

الترم الاول





Question (1) Choose the correct answer.

1) The digit in the thousandths place in the number 6,554.214 is

- A) 4 B) 1 C) 6 D) 5

2) The digit in the hundredths place in the number 6.154 is

- A) 2 B) 1 C) 6 D) 5

3) The digit in the tenths place in the number 87.241 is

- A) 4 B) 2 C) 6 D) 5

4) The digit in the ones place in the number 87.241 is

- A) 2 B) 7 C) 6 D) 5

5) The place value of the digit 6 in 65.214 is

- A) tens B) tenths C) hundredths D) hundreds

6) The place value of the digit 6 in 85.641 is

- A) tens B) tenths C) hundredths D) hundreds

7) The place value of the digit 2 in 74.823 is

- A) tens B) tenths C) hundredths D) hundreds

8) The place value of the digit 1 in 157.824 is

- A) tens B) tenths C) hundredths D) hundreds

9) The place value of the digit 3 in 1,274.823 is

- A) thousands B) tenths C) hundredths D) thousandths

10) The place value of the digit 1 in 6,562,103 is

- A) thousands B) tenths C) hundredths D) thousandths

11) The value of the digit 0 in 3.057 is

- A) 0 B) 1 C) 10 D) 100

12) The value of the digit 4 in 48.321 is

- A) 4 B) 40 C) 0.4 D) 0.04

13) The value of the digit 3 in 15.023 is

- A) 0.3 B) 0.03 C) 0.003 D) 0.030

14) The value of the digit 9 in 824.190 is

- A) 9 B) 0.9 C) 0.09 D) 0.009

15) If a digit moves one place to the left on the place value chart, its value equals times.

- A) 1 B) 0.1 C) 10 D) 0.01

16) If a digit moves one place to the right on the place value chart, its value equals times.

- A) 1 B) 0.1 C) 10 D) 0.01

17) $6.03 \times 10 =$

- A) 6.3 B) 60.3 C) 603 D) 6.30

18) $5.4 \div 10 =$

- A) 5.4 B) 54 C) 0.54 D) 5.04

19) $85.3 \times 100 =$

- A) 85.3 B) 0.853 C) 853 D) 8530

20) $85.3 \div 100 =$

- A) 85.3 B) 0.853 C) 853 D) 8530

21) $0.005 \times 100 = \dots\dots\dots$

A) 0.5

B) 0.05

C) 5

D) 0.005

22) $412.2 \div 1000 = \dots\dots\dots$

A) 4122

B) 0.4122

C) 4.122

D) 41.22

23) $99.12 \times 1000 = \dots\dots\dots$

A) 9912

B) 0.9912

C) 991.2

D) 99120

24) $5.4 \div 10 = \dots\dots\dots$

A) 5.4

B) 54

C) 0.54

D) 5.04

25) 0.1 0.01

A) >

B) <

C) =

26) 0.5472 0.5471

A) >

B) <

C) =

27) 0.05 0.051

A) >

B) <

C) =

28) 0.07 0.070

A) >

B) <

C) =

29) 6.1246 7.1246

A) >

B) <

C) =

30) 6 ones, 4 tenths 4 ones, 6 tenths.

A) >

B) <

C) =

31) $0.6 + 0.009 + 3 \dots\dots\dots \frac{3}{1} + \frac{6}{100} + \frac{9}{1000}.$

A) >

B) <

C) =

32) 7.321 Seven and three hundred twenty one thousands.

A) >

B) <

C) =

33) 45.012 $\approx$

To the nearest tenths.

A) 45.01

B) 54

C) 45

D) 45.1

34) 30.356 $\approx$

To the nearest tenths.

A) 30.03

B) 30.4

C) 30.36

D) 30

35) Five and five thousands $\approx$ To the nearest hundredths.

A) 5.01

B) 50.01

C) 5.1

D) 5.001

36) $\frac{6148}{1000} \approx$

To the nearest hundredths.

A) 6.148

B) 6.15

C) 6.2

D) 6

37) 0.0012 $\approx$

To the nearest thousandths.

A) 0

B) 0.1

C) 0.01

D) 0.001

38) 1.0535 $\approx$

To the nearest thousandths.

A) 1.06

B) 1.054

C) 1.05

D) 1.053

39) $13.124 + 15.452 =$

A) 28.567

B) 28.576

C) 27.576

D) 28.575

40) $0.049 + 3.451 =$

A) 3.5

B) 3.51

C) 3.499

D) 3.49

41) $8.945 + 6.741 =$

A) 15.676

B) 15.866

C) 15.668

D) 15.686

42) $7.999 + 7.001 =$

A) 14.999

B) 15.001

C) 15

D) 15.011

43) $10.451 - 7.841 = \dots\dots\dots$

A) 2.16

B) 2.15

C) 2.61

D) 2.17

44) $30.453 - 28.999 = \dots\dots\dots$

A) 1.445

B) 1.444

C) 1.454

D) 1.545

45) $12.152 - 9.784 = \dots\dots\dots$

A) 2.386

B) 2.368

C) 2.836

D) 2.683

46) $45.001 - 44.999 = \dots\dots\dots$

A) 2

B) 0.200

C) 0.020

D) 0.002

47) $8.451 + 3.412 \dots\dots\dots 16.985 - 5.123.$

A) >

B) <

C) =

48) $9.481 - 2.742 \dots\dots\dots 4.859 + 1.88.$

A) >

B) <

C) =

49) The mathematical phrase $4.5 + x$ is an $\dots\dots\dots$

A) equation

B) variable

C) expression

D) inequality

50) The mathematical phrase $4.5 + x = 6$ is an $\dots\dots\dots$

A) equation

B) variable

C) expression

D) inequality

51) The mathematical phrase $8 + 2 + a$ is an $\dots\dots\dots$

A) equation

B) variable

C) expression

D) inequality

52) The mathematical phrase $10 - b = 6$ is an $\dots\dots\dots$

A) equation

B) variable

C) expression

D) inequality

53) $4.5 + a = 8$, then $a = \dots\dots\dots$

A) 2.5

B) 3

C) 3.5

D) 4

54) $10.32 - b = 1.45$, then $b = \dots\dots\dots$

- A) 7.78 B) 8.88 C) 8.87 D) 8.78

55) $5.874 + x = 12.947$, then $x = \dots\dots\dots$

- A) 7.073 B) 7.703 C) 7.307 D) 7.73

56) $2.32 - b = 1.45$, then $b = \dots\dots\dots$

- A) 0.78 B) 0.77 C) 0.88 D) 0.87

57) $y - 6.784 = 3.102$, then $y = \dots\dots\dots$

- A) 9.888 B) 9.688 C) 9.868 D) 9.886

58) $g + 5.748 = 8.999$, then $g = \dots\dots\dots$

- A) 3.152 B) 3.251 C) 3.215 D) 3.125

59) 2 is a $\dots\dots\dots$

- A) Prime number B) Composite number C) Neither

60) 3 is a $\dots\dots\dots$

- A) Prime number B) Composite number C) Neither

61) 8 is a $\dots\dots\dots$

- A) Prime number B) Composite number C) Neither

62) 1 is a $\dots\dots\dots$

- A) Prime number B) Composite number C) Neither

63) 0 is a $\dots\dots\dots$

- A) Prime number B) Composite number C) Neither

64) 33 is a $\dots\dots\dots$

- A) Prime number B) Composite number C) Neither

65) 67 is a

A) Prime number

B) Composite number

C) Neither

66) 91 is a

A) Prime number

B) Composite number

C) Neither

67) The smallest prime number is

A) 1

B) 2

C) 3

D) 5

68) The smallest odd prime number is

A) 1

B) 2

C) 3

D) 5

69) The only even prime number is

A) 1

B) 2

C) 3

D) 5

70) The common factor for all numbers is

A) 1

B) 2

C) 3

D) 0

71) The G.C.F of 4 and 6 is

A) 1

B) 2

C) 3

D) 5

72) The G.C.F of 12 and 6 is

A) 10

B) 4

C) 6

D) 3

73) The G.C.F of 16 and 24 is

A) 10

B) 4

C) 6

D) 8

74) The G.C.F of 25 and 30 is

A) 10

B) 7

C) 5

D) 3

75) The common multiple for all numbers is

A) 1

B) 2

C) 3

D) 0

76) The L.C.M of 4 and 6 is

- A) 12 B) 8 C) 18 D) 24

77) The L.C.M of 12 and 6 is

- A) 12 B) 8 C) 18 D) 24

78) The L.C.M of 8 and 12 is

- A) 12 B) 8 C) 18 D) 24

79) The L.C.M of 15 and 30 is

- A) 10 B) 15 C) 25 D) 30

80) $5 \times 10 =$

- A) 5 B) 50 C) 500 D) 5,000

81) $3 \times 10,000 =$

- A) 30 B) 300 C) 3,000 D) 30,000

82) $7 \times 100 =$

- A) 70 B) 700 C) 7,000 D) 70,000

83) $2 \times 1,000 =$

- A) 20 B) 200 C) 2,000 D) 20,000

84) $\times 1,000 = 15,000$

- A) 5 B) 15 C) 150 D) 1500

85) $\times 1,000 = 210,000$

- A) 2 B) 21 C) 210 D) 2100

86) $33 \times \dots = (30 + 3) \times (50 + 4)$

- A) 5 B) 54 C) 45 D) 4

87) $48 \times \dots = (40 \times 3) + (8 \times 3)$

- A) 3 B) 48 C) 84 D) 6

88) $1.2 \times 3 = \dots$

- A) 0.036 B) 0.36 C) 3.6 D) 36

89) $1.2 \times 0.3 = \dots$

- A) 0.036 B) 0.36 C) 3.6 D) 36

90) $0.12 \times 3 = \dots$

- A) 0.036 B) 0.36 C) 3.6 D) 36

91) $1.2 \times 0.03 = \dots$

- A) 0.036 B) 0.36 C) 3.6 D) 36

92) $0.12 \times 0.3 = \dots$

- A) 0.036 B) 0.36 C) 3.6 D) 36

93) The suitable unit to measure length of a student is

- A) meter B) gram C) liter D) hour

94) The suitable unit to measure capacity of a bottle is

- A) meter B) gram C) liter D) hour

95) The suitable unit to measure weight of a box is

- A) meter B) gram C) liter D) hour

96) $6 \text{ km} = \dots \text{ m.}$

- A) 6000 B) 600 C) 60 D) 6

97) $9 \text{ m} = \dots \text{ km.}$

- A) 0.9 B) 0.09 C) 0.009 D) 0.0009

98) 0.4 m = cm.

A) 4

B) 40

C) 400

D) 0.4

99) 60 cm = m.

A) 60

B) 6

C) 0.6

D) 0.06

100) 0.04 cm = mm.

A) 40

B) 4

C) 0.4

D) 0.04

101) 0.2 mm = cm.

A) 20

B) 2

C) 0.2

D) 0.02

102) 8 kg = g.

A) 8000

B) 800

C) 80

D) 8

103) 45 g = kg.

A) 4.5

B) 0.45

C) 0.045

D) 45

104) 0.003 l = ml.

A) 3000

B) 300

C) 30

D) 3

105) 685 ml = l.

A) 685

B) 68.5

C) 6.85

D) 0.685

106) 45 g 0.45 kg

A) >

B) <

C) =

107) 0.24 km 0.24 m

A) >

B) <

C) =

108) 6.2 m 62 cm

A) >

B) <

C) =

109) 87 mm 0.87 cm

A) >

B) <

C) =

110) 54 l 54000 ml

A) >

B) <

C) =

111) $80000 \div 100 =$

A) 8

B) 80

C) 800

D) 8000

112) $80000 \div 10 =$

A) 8

B) 80

C) 800

D) 8000

113) $80000 \div 10000 =$

A) 8

B) 80

C) 800

D) 8000

114) $80000 \div 1000 =$

A) 8

B) 80

C) 800

D) 8000

115) $50 \div 100 =$

A) 0.005

B) 0.05

C) 0.5

D) 5

116) $50 \div 10 =$

A) 0.005

B) 0.05

C) 0.5

D) 5

117) $50 \div 1000 =$

A) 0.005

B) 0.05

C) 0.5

D) 5

118) $50 \div 10000 =$

A) 0.005

B) 0.05

C) 0.5

D) 5

119) $700 \times 0.1 =$

A) 0.007

B) 0.07

C) 0.7

D) 70

120) $700 \times 0.01 = \dots\dots\dots$

A) 0.007

B) 0.07

C) 0.7

D) 7

121) $700 \times 0.0001 = \dots\dots\dots$

A) 0.007

B) 0.07

C) 0.7

D) 70

122) $700 \times 0.001 = \dots\dots\dots$

A) 0.007

B) 0.07

C) 0.7

D) 70

123) $700 \times 0.00001 = \dots\dots\dots$

A) 0.007

B) 0.07

C) 0.7

D) 70

124) $10 \div 5 - (3 - 2) = \dots\dots\dots$

A) 1

B) 0

C) 3

D) 2

125) $3 \times 4 - 12 \div 3 = \dots\dots\dots$

A) 8

B) 0

C) 24

D) 8

126) $64 \div 8 - 6 - 3 \div 3 = \dots\dots\dots$

A) 30

B) 4

C) 1

D) 0

127) $7 - [10 - 8] + 11 = \dots\dots\dots$

A) 1

B) 0

C) 16

D) 17

128) $[3 \times 5 - 7] - [9 - 8] + 9 = \dots\dots\dots$

A) 1

B) 0

C) 16

D) 17

129) $5 \times 8 - 10 \times 2 - 20 = \dots\dots\dots$

A) 1

B) 0

C) 16

D) 15

130) $9 + 5 - 3 \times 7 + 5 = \dots\dots\dots$

A) 2

B) 0

C) -2

D) 82

131) $(4 + 6) \times 5 - 49 = \dots\dots\dots$

- A) 1 B) 0 C) 16 D) 17

132) $(9 + 3) \div 10 = \dots\dots\dots$

- A) 1 B) 0 C) 3 D) 2

133) $(64 \div 4) \div 8 - 2 = \dots\dots\dots$

- A) 1 B) 0 C) 16 D) 17

Question (2) Complete the Following.

- 1) The digit in the thousandths place in the number 6,554.214 is
- 2) The digit in the hundredths place in the number 6.154 is
- 3) The digit in the tenths place in the number 87.241 is
- 4) The digit in the ones place in the number 87.241 is
- 5) The place value of the digit 6 in 65.214 is
- 6) The place value of the digit 6 in 85.641 is
- 7) The place value of the digit 2 in 74.823 is
- 8) The place value of the digit 1 in 157.824 is
- 9) The place value of the digit 3 in 1,274.823 is
- 10) The place value of the digit 1 in 1,562,003 is
- 11) The value of the digit 0 in 3.057 is
- 12) The value of the digit 4 in 48.321 is
- 13) The value of the digit 3 in 15.023 is
- 14) The value of the digit 9 in 824.190 is
- 15) If a digit moves one place to the left on the place value chart, its value equals times.

16) If a digit moves one place to the right on the place value chart, its value equals times.

17) $0.1 = \dots\dots\dots$ thousandths.

18) $6 = \dots\dots\dots$ hundred thousandths.

19) thirty five hundredths = thousandths.

20) 300 hundredths = thousandths.

21) 23 ones = tenths.

22) Five = thousandths.

23) $6.12 \times 10 = \dots\dots\dots$

24) $84.39 \div 10 = \dots\dots\dots$

25) $11.07 \times 100 = \dots\dots\dots$

26) $70.1 \div 100 = \dots\dots\dots$

27) $54.001 \times 100 = \dots\dots\dots$

28) $63.12 \div 1000 = \dots\dots\dots$

29) $0.001 \times 1000 = \dots\dots\dots$

30) $0.01 \div 10 = \dots\dots\dots$

31) 1.5 1.50

32) 9.321 9.312

33) 2.001 2.01

34) 3 thousandths 3 thousands

35) 6 tens, 4 thousandths 6 tenths, 4 thousandths

36) $\frac{60}{1} + \frac{3}{10} + \frac{5}{1} + \frac{2}{1000}$ 60 ones, 60 tenths.

37) $0.3 + 0.001 + 5$ $\frac{5}{1} + \frac{3}{100} + \frac{9}{1000}$.

- 38) 90.12 Ninety and twelve thousands.
- 38) $82.45 \approx$ To the nearest tenths.
- 39) $64.06 \approx$ To the nearest tenths.
- 40) Three hundred forty one thousands $\approx$ To the nearest hundredths.
- 41) $\frac{8971}{1000} \approx$ To the nearest hundredths.
- 42) $1.0010 \approx$ To the nearest thousandths.
- 43) $70.9996 \approx$ To the nearest thousandths.
- 44) $1.002 + 3.989 =$
- 45) $3.145 + 3.874 =$
- 46) $5.784 + 12.420 =$
- 47) $0.742 + 1.462 =$
- 48) Four hundred eight thousands + One and ninety thousands =
- 49) Three and five hundredths + Seven and twenty two hundredths =
- 50) $15.741 - 12.999 =$
- 51) $8.451 - 3.201 =$
- 52) $12.152 - 4.841 =$
- 53) $30.415 - 21.898 =$
- 54) $30.152 + 20.512$ $66.297 - 15.632$.
- 55) $15.846 - 7.999$ $4.292 + 3.555$.
- 56) The mathematical phrase $9 + 1.2 - c = 4$ is an
- 57) The mathematical phrase $7.5 + a$ is an
- 58) The mathematical phrase $1 + n = 3$ is an
- 59) The mathematical phrase $6 - x$ is an

- 60) $9.25 + a = 15.13$, then $a = \dots\dots\dots$
- 61) $6.024 - b = 1.87$, then $b = \dots\dots\dots$
- 62) $12.1 + x = 12.947$, then $x = \dots\dots\dots$
- 63) $9.421 - b = 4.23$, then $b = \dots\dots\dots$
- 64) $y - 0.012 = 3.1$, then $y = \dots\dots\dots$
- 65) $g + 8.12 = 10$, then $g = \dots\dots\dots$
- 66) The smallest prime number is $\dots\dots\dots$
- 67) The smallest odd prime number is $\dots\dots\dots$
- 68) The only even prime number is $\dots\dots\dots$
- 69) The common factor for all numbers is $\dots\dots\dots$
- 70) The G.C.F of 2 and 3 is $\dots\dots\dots$
- 71) The G.C.F of 3 and 6 is $\dots\dots\dots$
- 72) The G.C.F of 4 and 9 is $\dots\dots\dots$
- 73) List five multiples of 3 $\dots\dots\dots$
- 74) List five multiples of 5 $\dots\dots\dots$
- 75) The common multiple for all numbers is $\dots\dots\dots$
- 76) The L.C.M of 5 and 6 is $\dots\dots\dots$
- 77) The L.C.M of 8 and 6 is $\dots\dots\dots$
- 78) The L.C.M of 8 and 10 is $\dots\dots\dots$
- 79) The L.C.M of 9 and 3 is $\dots\dots\dots$
- 80) $1 \times 10 = \dots\dots\dots$
- 81) $6 \times 10,000 = \dots\dots\dots$
- 82) $8 \times 100 = \dots\dots\dots$

83) $9 \times 1,000 = \dots\dots\dots$

84) $\dots\dots\dots \times 1,000 = 8,000$

85) $\dots\dots\dots \times 1,000 = 10,000$

86) $54 \times 28 = (\dots\dots\dots + \dots\dots\dots) \times (\dots\dots\dots + \dots\dots\dots)$

87) $\dots\dots\dots \times \dots\dots\dots = (60 + 7) + (9 + 2)$

88) $0.5 \times 9 = \dots\dots\dots$

89) $0.5 \times 0.9 = \dots\dots\dots$

90) $5 \times 0.9 = \dots\dots\dots$

91) $0.5 \times 0.09 = \dots\dots\dots$

92) $0.05 \times 0.09 = \dots\dots\dots$

93) The suitable unit to measure length of a student is $\dots\dots\dots$ 94) The suitable unit to measure capacity of a bottle is $\dots\dots\dots$ 95) The suitable unit to measure weight of a box is $\dots\dots\dots$

96) $6 \text{ km} = \dots\dots\dots \text{ m.}$

97) $9 \text{ m} = \dots\dots\dots \text{ km.}$

98) $0.4 \text{ m} = \dots\dots\dots \text{ cm.}$

99) $60 \text{ cm} = \dots\dots\dots \text{ m.}$

100) $0.04 \text{ cm} = \dots\dots\dots \text{ mm.}$

101) $0.2 \text{ mm} = \dots\dots\dots \text{ cm.}$

102) $8 \text{ kg} = \dots\dots\dots \text{ g.}$

103) $45 \text{ g} = \dots\dots\dots \text{ kg.}$

104) $0.003 \text{ l} = \dots\dots\dots \text{ ml.}$

105) $685 \text{ ml} = \dots\dots\dots \text{ l.}$

106) 45 g 0.45 kg

107) 0.24 km 0.24 m

108) 6.2 m 62 cm

109) 87 mm 0.87 cm

110) 54 l 54000 ml

111) $600 \div 100 =$

112) $90000 \div 10 =$

113) $7000 \div 10000 =$

114) $30000 \div 1000 =$

115) $40 \div 100 =$

116) $40 \div 10 =$

117) $40 \div 1000 =$

118) $40 \div 10000 =$

119) $800 \times 0.1 =$

120) $800 \times 0.01 =$

121) $800 \times 0.0001 =$

122) $100 \times 0.001 =$

123) $100 \times 0.00001 =$

124) $[49 - 36] + [9 - 4] + 9 =$

125) $6 \times 7 - 10 - 30 =$

126) $64 + 4 - [(3 \times 7) + 25] =$

127) $(4 + 6) \times 5 - 7 =$

128) $[[[(125 + 3) \div 4] \div 4] \div 4] =$

129) $2 [(25 + 1) - (16 - 1)] = \dots\dots\dots$

130) 5 , 10 , , 20 , 25 ,

Rule:

131) 8 , 12 , , 20 , , 28 ,

Rule:

132) 7 , , 13 , 16 , 19 , , 25.

Rule:

133) , 36 , 45 , , 63 ,

Rule:

134) , 22 , 30 , 38 ,

Rule:

Question (3) Essay problems.

1) Complete each of the following.

A) 356.485.

Word form:

Unit form:

Expanded form:

B) 478.306.

Word form:

Unit form:

Expanded form:

C) Three hundred forty and seven thousandths.

Standard form:

Unit form:

Expanded form:

D) Fifty two and nine hundred five thousandths.

Standard form:

Unit form:

Expanded form:

E) 5 thousands, 3 Tens, 4 Tenths, 6 Thousandths.

Standard form:

Word form:

Expanded form:

F) 8 hundreds, 4 Tens, 2 Ones, 9 Tenths, 4 Hundredths, 1 Thousandths.

Standard form:

Word form:

Expanded form:

2) Put each of the following in standard form.

A) $400 + 0.003 + 30 + 0.04 + 1 + 0.6$.

.....

B) $6000 + 0.006 + 70 + 0.08$.

.....

C) $\frac{4}{100} + 100 + \frac{9}{10} + 50 + \frac{8}{1000} + \frac{3}{1}$.

.....

D) $\frac{9}{1000} + 4000 + \frac{3}{10} + 600 + \frac{2}{100} + 8$.

.....

3) Order each of the following in ascendingly.

A) 5.124 , 5.024 , 15.26 , 15.30 , 5.003 , 15.61.

.....

B) 90.302 , 90.312 , 9.302 , 90.303 , 91.302 , 9.301.

.....

C) 9 tens , $\frac{9}{1000}$, nine hundred , nine hundredths , $\frac{9000}{1}$, 9 tenths.

.....

D) 2.031 , $2 + 0.1 + 0.001 + 0.03$, two and thirty hundredths, 2.032, 20.31.

.....

4) Order each of the following in descendingly.

A) 71.124 , 70.125 , 71.125 , 7.126 , 72.024 , 7.525.

.....

B) 5.541 , 50.451 , 5.452 , 50.450 , 50.540 , 5.450.

.....

C) 3 tens , $\frac{3}{1000}$, three hundred , three hundredths , $\frac{3000}{1}$, 3 tenths.

.....

D) 2.031 , $2 + 0.1 + 0.001 + 0.03$, two and thirty hundredths, 2.032, 20.31.

.....

5) Estimate each of the following sums.

A) $30.213 + 10.99 =$

B) $0.9 + 0.09 =$

C) $45.01 + 4.89 =$

D) $30.001 + 0.031 = \dots\dots\dots$

6) Complete the following table.

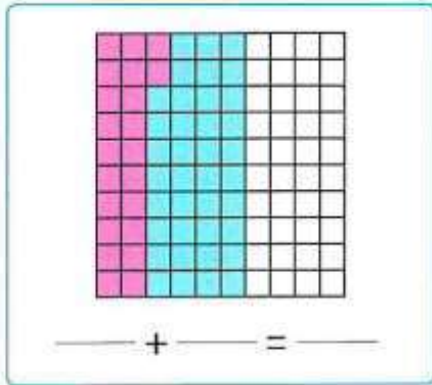
	Number	Round to the nearest			
		Whole number [unit]	Tenth	Hundredth	Thousandth
a.	123.3569	123	123.4	123.36	123.357
b.	528.2025	_____	_____	_____	_____
c.	43.5426	_____	_____	_____	_____
d.	21.84792	_____	_____	_____	_____
e.	0.5297	_____	_____	_____	_____
f.	0.0546	_____	_____	_____	_____
g.	4.2688	_____	_____	_____	_____

7) Moaz saved 45.162 pounds and his brother saved 39.784 pounds, find how much they saved together.

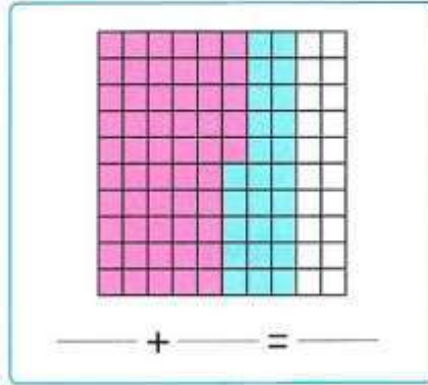
.....

8) Complete each of the following.

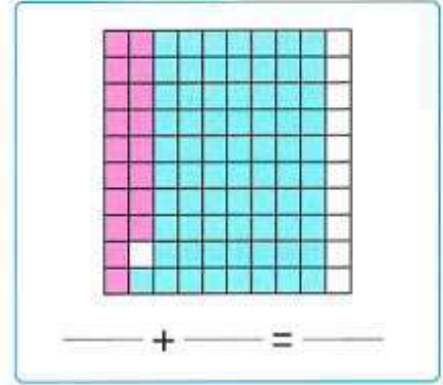
a.



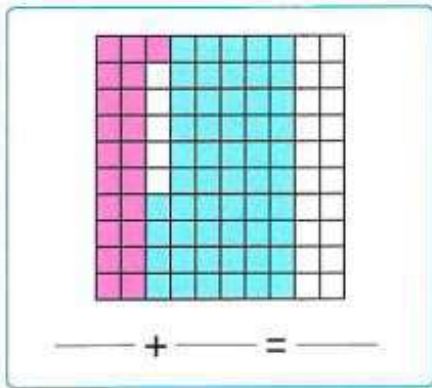
b.



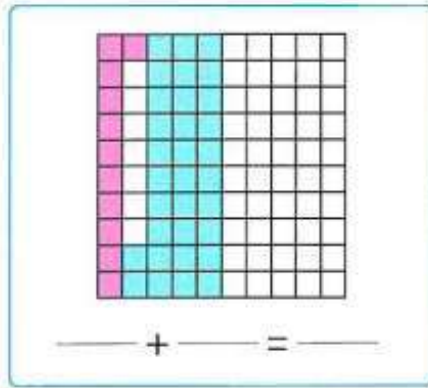
c.



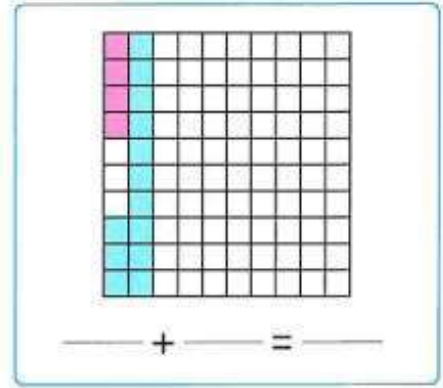
d.



e.



f.



9) Sara bought 3.784 kg of apple and 4.564 kg of orange, find the total weight of what she bought.

.....

10) If Marwan weight is 61.987 kg and Mahmoud is heavier than him with 4.587 kg, find Mahmoud's weight.

.....

11) Find the result for each of the following.

a.
$$\begin{array}{r} 0.231 \\ + 0.754 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 2.53 \\ + 0.19 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 4.89 \\ + 0.87 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 16.34 \\ + 8.79 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 7.51 \\ + 6.492 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 967.63 \\ + 91.2 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 48.42 \\ + 59.096 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 35.001 \\ + 14.999 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 4.15 \\ + 8.6 \\ + 9.283 \\ \hline \end{array}$$

12) Finding the missing digits.

a.
$$\begin{array}{r} 3.\square7 \\ + 6.5\square \\ \hline \square.89 \end{array}$$

b.
$$\begin{array}{r} 1.\square6 \\ + 3.3\square \\ \hline \square.33 \end{array}$$

c.
$$\begin{array}{r} 97.48 \\ + 43.\square\square \\ \hline \square\square\square.93 \end{array}$$

13) Estimate each of the following.

A) $30.213 - 10.99 = \dots\dots\dots$

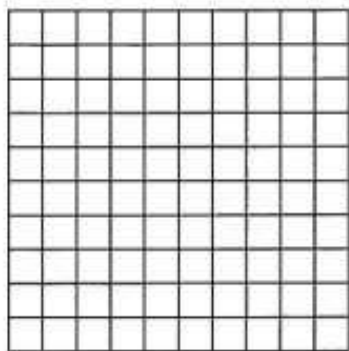
B) $0.9 - 0.09 = \dots\dots\dots$

C) $45.01 - 4.89 = \dots\dots\dots$

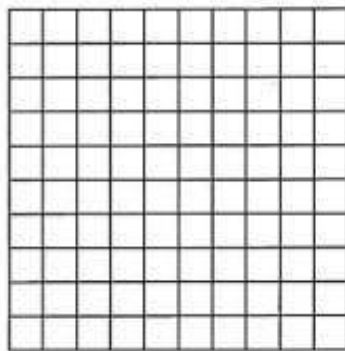
D) $30.001 - 0.031 = \dots\dots\dots$

14) Complete each of the following.

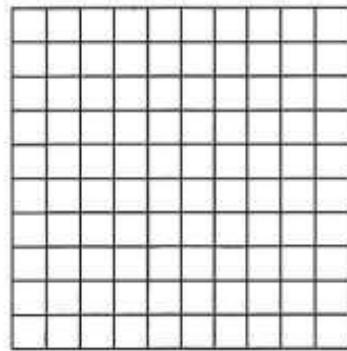
a. $0.67 - 0.49 =$ _____



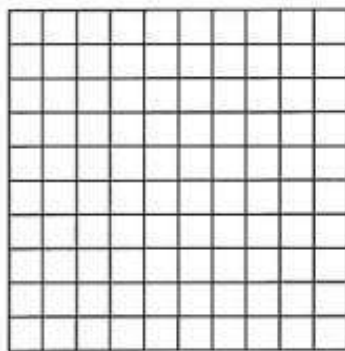
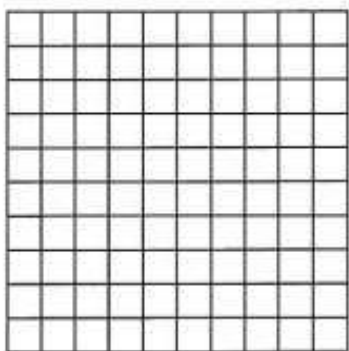
b. $0.1 - 0.09 =$ _____



c. $0.39 - 0.13 =$ _____



d. $1.23 - 1.02 =$ _____



15) Find the result for each of the following.

a.
$$\begin{array}{r} 0.781 \\ - 0.531 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 0.593 \\ - 0.194 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 0.5 \\ - 0.375 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 3,218.975 \\ - 2,188.853 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 4,524.62 \\ - 2,498.124 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 4,611.3 \\ - 1,982.45 \\ \hline \end{array}$$

16) Find the missing digits.

a. $\begin{array}{r} 5.69 \\ - 4.\square\square \\ \hline \square.45 \end{array}$	b. $\begin{array}{r} 9.51\square \\ - \square.\square\square 1 \\ \hline 4.242 \end{array}$	c. $\begin{array}{r} 113.57\square \\ - 13.\square\square 8 \\ \hline \square\square\square.17\square \end{array}$
d. $\begin{array}{r} 5.\square 8\square \\ - 1.413 \\ \hline \square.3\square 7 \end{array}$	e. $\begin{array}{r} 299.\square\square\square \\ - \square\square.457 \\ \hline 243.\square 3\square \end{array}$	f. $\begin{array}{r} \square\square.\square\square \\ - 23.97 \\ \hline 18.95 \end{array}$

17) Salwa has 20.987 L.E and she spent 8.657 L.E in supermarket, find the rest with her.

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18) Ahmed has a 3.658 M of rope and he cut 2.55 M of it, find the length of the reminder rope.

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19) Malak put 35.451 L of gasoline in her car and she used 9.887 L of it, find the rest of gasoline in her car.

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20) Write each of the following equations.

A) The sum of x and 3.5 is equals 8.

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B) The difference between m and 4 is equals 3.

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C) The sum between z and 6 is equals 7.

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D) The difference between 9 and k is equals 3.

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21) Maram bought 2.321 kg of apple and Sara bought 6.451 kg of apple, find the weight of what they bought together.

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22) Maged is 1.75 m tall and Ahmed tall is 1.67 m, find the difference between them.

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23) Samar need 6 m of fabric and she found 2.46 m of it, find the length she needs.

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24) Mohammed fuel his car with 25.678 L of gasoline and he used 16.784 L of it, find the rest of gasoline with him.

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25) Sameh had 3212.452 L.E and he bought some clothes for 1824.715 L.E, find the rest with him.

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26) Jana ran 6.982 km in the first day and 8.931 in the second day, find the difference between what she ran in the two days.

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27)

a. $a - 3.4 = 2.17$

[Cairo - El Nouzha 23]

b. $2.45 + y = 9$

[Cairo - El Sahel 24]

c. $1.2 = 2.4 - r$

d. $66.85 + k = 90.98$

[Kafir El Sheikh - Bayala 24]

e. $2.15 + n = 5.24$

[Aswan 23]

f. $7.648 - d = 3.92$

[Aswan - Kom Ombo 23]

28) Jana ran 6.982 km in the first day and 8.931 in the second day, find the difference between what she ran in the two days.

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29) Find the prime factorization and the G.C.F for each of the following.

A) 8 and 16

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B) 27 and 36

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C) 24 and 36

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D) 45 and 63

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E) 39 and 65

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F) 33 and 66

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30) Find the prime factorization and the L.C.M for each of the following.

A) 10 and 12

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B) 15 and 10

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C) 24 and 12

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D) 8 and 9

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E) 6 , 10 , 15

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F) 9 , 12 , 18

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31) Find the product of each of the following using distributive property.

A) 25×43

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B) 99×45

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C) 72×63

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D) 43×78

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32) Find the product of each of the following using area model.

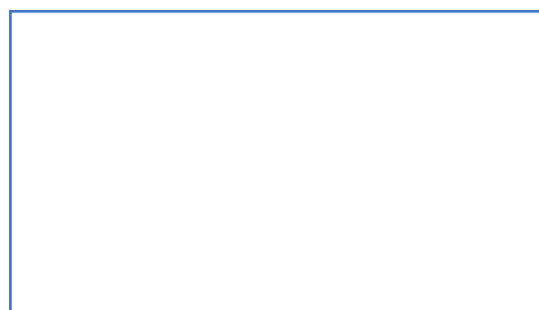
A) 153×28

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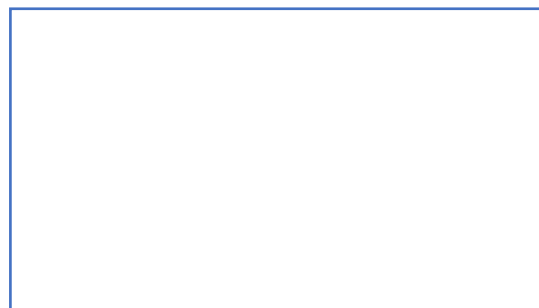
B) 689×41

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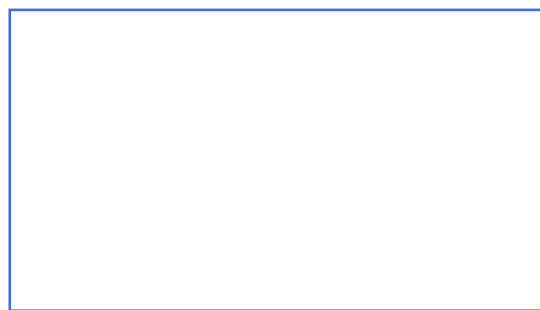
C) 746×78

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D) 984×60

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33) Find the product of each of the following using standard algorithm.

A) 276×895 .

B) 475×124 .

C) 986×145 .

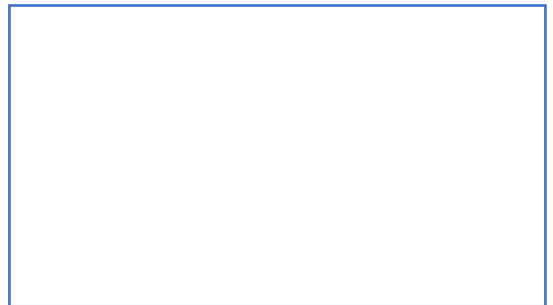
D) 763×862 .

34) Find the quotient of each of the following using area model.

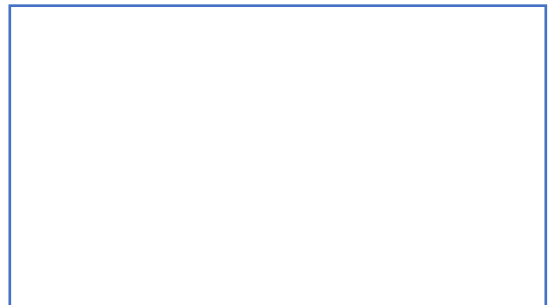
A) $9,515 \div 11$.



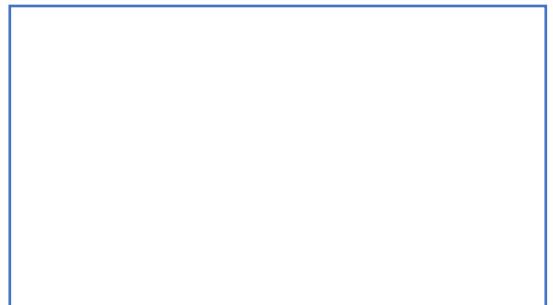
B) $13,335 \div 15$.



C) $19,975 \div 25$.



D) $15,960 \div 40$.



35) Find the quotient of each of the following using division algorithm.

A) $14,208 \div 16$.

B) $34,965 \div 35$.

C) $17,298 \div 31$.

D) $49,950 \div 50$.

36) Mazid is a runner and he wants to run 8456 m, if he ran 2899 m in the first 15 minute and 3174 m in the second 15 minute, find how many meter he still needs to run.

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37) Salma made a 35 cupcake and for bad luck she drooped 3 of them and she want to share the rest of them for her and her 7 friends, find the share of each one.

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38) Hani's father gives him 500 L.E and gives his brother Aymen less than him by 150 L.E and their brother Emad less than Aymen by 100 L.E, Find the total money with all brothers now.

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39) Maged had 143 L.E and he wants to buy 6 pens which coast 12 L.E each and 8 pencils for 8 L.E each, find how much money will remained with him.

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40) Rasha's tall is 165 cm and her sister is 13 cm less than her, find the sum of their tall together.

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41) Hesham is a body builder and he can carry 3 times Mohammed, if Mohammed can carry 14 kg, find the sum of what they can carry.

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42) Mahmoud bought 3 boxes which contains 12 candies each, if he wants to distribute it between him and his 3 brothers, find the share of each one.

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43) Find the product of each of the following using area model.

A) 15.45×3.1

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B) 8.54×4.2

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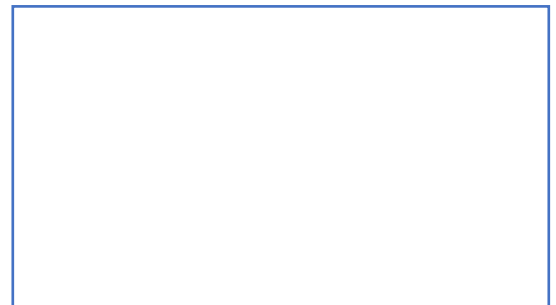
C) 30.54×7.8

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D) 0.995×0.41

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44) Find the product of each of the following using standard algorithm.

A) 8.46×5.4 .

B) 9.04×3.3 .

C) 4.65×2.2 .

D) 76.1×0.94 .

45) Mazid made 1.5 l of orange juice and drank 325 ml of it, his father drank 0.23 l of it also, find the remainder with him.

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46) Essam is a runner, he ran 22.4 km in 4 days, if he ran 7456 m in the first day, 4599 m in the second day and 5450 m in the third day, find how many km did he ran in the fourth day.

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47) Salma bought 4.6 kg of tomato and 3.8 kg of orange find the difference between their mass in gram.

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48) Convert each of the following units.

A) 2.7 km = m.

$$2.7 \times \dots\dots\dots = \dots\dots\dots \text{ m.}$$

$$2.7 \div \dots\dots\dots = \dots\dots\dots \text{ m.}$$

B) 83 mm = cm.

$$83 \times \dots\dots\dots = \dots\dots\dots \text{ cm.}$$

$$83 \div \dots\dots\dots = \dots\dots\dots \text{ cm.}$$

C) 3.5 kg = g.

$$3.5 \times \dots\dots\dots = \dots\dots\dots \text{ g.}$$

$$3.5 \div \dots\dots\dots = \dots\dots\dots \text{ g.}$$

D) 5 cm = m.

5 × = m.

5 ÷ = m.

E) 8.5 m = mm.

8.5 × = mm.

8.5 ÷ = mm.

F) 0.9 l = ml.

0.9 × = ml.

0.9 ÷ = ml.

G) 94 g = kg.

94 × = kg.

94 ÷ = kg.

H) 46 ml = l.

46 × = l.

46 ÷ = l.

I) 18 m = km.

18 × = km.

18 ÷ = km.

J) 0.3 cm = mm.

0.3 × = mm.

0.3 ÷ = mm.

K) $0.1 \text{ g} = \dots\dots\dots \text{ kg}$.

$0.1 \times \dots\dots\dots = \dots\dots\dots \text{ kg}$.

$0.1 \div \dots\dots\dots = \dots\dots\dots \text{ kg}$.

49) Find the quotient of each of the following using division algorithm.

A) $147.525 \div 1.5$.

B) $119.736 \div 1.2$.

C) $4.2272 \div 0.08$.

D) $3 \div 8$.

F) $10.9186 \div 0.14$.

G) $36.7128 \div 0.24$.

50) Evaluate each of the following expressions.

A) $81 - [2 \times 15 - 11] + 15 \div 3$.

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B) $[25 - 9] \div 4 + 1$.

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C) $6.4 \div 1.6 + 6 - 10$.

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D) $[(7.7 \div 7 + 0.9) \times 10] \div 5$.

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51) Sama walk 5.6 km for 4 days each and 3.8 km for 6 days each, find the total distance she walked.

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52) Write each of the following expressions and evaluate it.

A) Add 2.5 and 2.6 then divide the result by 3.

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B) Divide 0.25 by 5 then multiply the result by 20 and subtract 19 from it.

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C) Find the quotient of 8.654 by 2 then subtract 4 from it.

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D) $[(7.7 \div 7 + 0.9) \times 10] \div 5$.

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53) Find the rule in each of the following tables.

A)

Input	Output
1	5
2	10
3	15
4	20
5	25

Rule:

B)

Input	Output
1	3
2	6
3	9
4	12
5	15

Rule:

C)

Input	Output
1	.....
2	14
3	.....
4	28
5	.....

Rule:

D)

Input	Output
1	25
2	.....
3	75
4	.....
5	.....

Rule:

E)

Input	Output
1	.....
2	.....
3	39
4	52
5	65

Rule:

F)

Input	Output
1	21
2	42
3	63
4	.....
5	.....

Rule:

كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9

